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PENNSYLVANIA DEPARTMENT OF AGRICULTURE

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DIRECTORY OF INFORMATION

1966

Commonwealth of Pennsylvania
WILLIAM W. SCRANTON, Governor

Department of Agriculture
LELAND H. BULL, Secretary

Directory of Officials
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF AGRICULTURE

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LEO C. BYRON, Management Analyst
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Comptroller

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DR. PALACE H. SEITZ, Chief, Animal Disease Diagnostic Laboratory
DR. RICHARD C. GUISE, Chief, Division of Brucellosis
DR. DAVID S. INGRAHAM, Chief, Division of Tuberculosis
DR. GEORGE H. ZACHERLE, JR., Chief, Division of Meat Hygiene
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WALTER H. MILLER, Acting Chief, Division of Dog Law Enforcement

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DALE B. HINDMAN, Chief, Division of Feed and Fertilizer

Bureau of Markets

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CLYDE MILLER, Chief, Division of Fruits and Vegetables
JOHN ZIMMERMAN, Acting Chief, Division of Livestock and Dairy
JOHN W. EARLY, Acting Chief, Division of Market Development
DWIGHT B. HOWER, Administrator, Fair Fund Services

Bureau of Plant Industry

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WENDELL P. DITMER, Botanist
WILLIAM L. YOUNT, Plant Pathologist
C. F. CAMPBELL, Seed Certification

State Soil and Water Conservation Commission

CHARLES F. HESS, Director

State Farm Products Show Commission

HORACE L. MANN, Farm Show Director

State Harness Racing Commission

MAJOR RALPH D. GARDNER, Executive Secretary

Pennsylvania Crop Reporting Service

DEWEY O. BOSTER, Agricultural Statistician-in-Charge

DEPARTMENT OF AGRICULTURE DISTRICT OFFICES

Southwestern District Office

CHARLES A. KOESTER, District Manager, RD 1, Evans City

Northeastern District Office

ALLEN F. SCHMOLL, District Manager, 69 Putnam Street, Tunkhannock

North Central District Office

MERRILL S. BRODRICK, District Manager, RD 1, Linden

Southeastern District Office

MORRIS S. HUNTZINGER, District Manager, 711 West Main Street, Lansdale

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Central offices of all Bureaus and Commissions are located in the Agriculture Building, 2301 North Cameron Street, Harrisburg. The Farm Show office is on the second floor, front, of the Farm Show Building, Cameron and Maclay Streets, Harrisburg.

With
Vision
and
Imagination



Each new discovery, it seems, takes a little more of the mystery out of life.

Less than 10 years ago—to many of us it still seems like only yesterday—romance and mystery mingled with the soft, pale light of the moon.

Today we have pictures of the moon's surface taken from spacecraft sent from earth. In the not too distant future we will undoubtedly have men there probing secrets of the moon.

But in our eagerness to scan the skies and peer beyond the worlds we now know, we must not forget to look down at the earth on which we stand. There are secrets there, too, and mystery and romance if you dare seek it.

A bit of soil . . . a grain of corn . . . a drop of water. These are insignificant things alone, but brought together they awaken a dormant spark of life and begin the process of producing food for the millions who inhabit this earth.

Responsibility for continuing and expanding this process will be a challenge to men and women of vision and imagination. Young people, trained to meet this challenge, will be needed to carry on this work and to advance and broaden the programs of agricultural organizations and services listed in this 1966 Directory of Information.

This need is of major importance to Agriculture and Agribusiness—not only in Pennsylvania and the United States—but in the new world of tomorrow.

L. H. Bull
Secretary of Agriculture

Bureau of Animal Industry

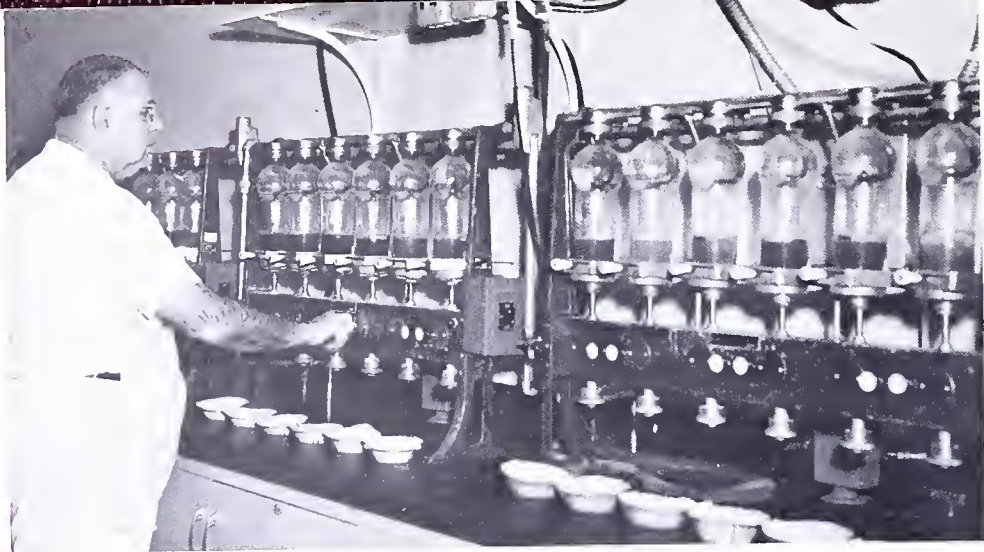
The Bureau of Animal Industry develops and enforces those Agricultural Department programs and regulations which will most effectively prevent, control and eradicate transmissible diseases of livestock and poultry. These endeavors are state and federal cooperative programs and are promulgated to completely eliminate health hazards to livestock and poultry, not only in our state, but on a regional and national basis.

The current programs and methods have been very effective, having completely eliminated such diseases as sheep scabies, vesicular exanthema and foot-and-mouth disease; and reducing incidences of many others to very low levels. Our ultimate goal must be complete eradication in order to protect the large investment of our livestock and poultry industry, thus safeguarding and insuring adequate and wholesome food supplies for our population. We can ill afford to continue losing large sums of money while living with hazardous conditions when we have the knowledge and methods at our disposal for complete elimination.

The Bureau continually works with those in the fields of veterinary and allied research and education to keep our programs abreast of the most recent developments and discoveries.

The United States Livestock Sanitary Association, with representatives from all fifty states, provides the leadership and the coordinating force behind national programs. This organization deserves much of the credit for the present status of our regulatory programs in the nation's animal industry.





Bureau of Foods and Chemistry

When you buy food and beverages for your family, you have a right to expect them to be tasty, wholesome, of good quality, nutritious, prepared under sanitary conditions, and properly labeled.

It is the responsibility of the Bureau of Foods and Chemistry to make certain the foods you buy: (1) Will not cause illness, (2) Will not contain foreign matter, (3) Will not be an economic cheat. In carrying out this work, the Bureau's Division of Food Control examines more than 6,500 food samples a year.

Most of the violations for which processors and retailers are cited are either accidental or of an economic nature, rather than instances of deliberate adulteration.

In addition to the General Food Law, the Bureau enforces specific food laws relating to ice cream, bakery products, sausage, oleo-margarine, soft drinks, animal feed, fertilizer, pesticides and lime. Many of these laws require registration and licensing. The Bureau issues approximately 13,000 licenses, permits, and certificates of registration each year.

Nearly 20,000 laboratory tests are made annually by the Division of Feed and Fertilizer to check manufacturers' guarantees for protein, fat, fiber, drug level, and mineral content. Farmers depend on these guarantees in buying raw materials such as animal feed, lime, and fertilizer for growing crops and feeding poultry and livestock.

The Division of Milk Sanitation annually issues more than 3,000 permits to dairies in Pennsylvania and adjacent states which sell milk in Pennsylvania. These plants are inspected regularly by the Bureau. Dairy employees are certified to inspect farms to see that cows and milk are being handled in a manner to insure rigid standards of quality.

Samples of food, animal feed, fertilizer, and agricultural limestone are collected by agents of the Bureau throughout the state for analysis in the Bureau's laboratory. New laboratory facilities, in the Agriculture Building at 2301 North Cameron Street, Harrisburg, include modern equipment for the chemical analysis of food, feed, fertilizer, and liming materials. Also included is a special laboratory for the bacteriological examination of milk, ice cream and other dairy products, as well as equipment to determine the level of pesticide residues relative to established tolerances.

Bureau of Markets

The Bureau of Markets, as the name implies, is primarily concerned with developing plans and programs to assist in the orderly and effective marketing of Pennsylvania farm products. In carrying out this function, the Bureau provides a broad range of services that include:

1. Providing counsel and assistance to farmer, processing and distribution organizations and individuals.
2. Compiling and distributing timely information on the supply, demand, movement and prevailing prices of farm products.
3. Assisting in the coordination of efforts of various commodity marketing groups.

The Bureau also is responsible for enforcing rules and regulations pertaining to the grading and inspection of farm products and services. Essentially, this phase of the Bureau's activity is directed toward assuring consumers consistent high quality in the farm food products they buy. Quality guides are provided farmers, processors and distributors, and standards are maintained for grading and certification of various farm products, including livestock and poultry.

The Bureau is responsible for enforcing all phases of the Bureau of Markets Law; the State fresh egg law; the marking laws for potatoes, apples, peaches, pears and grapes; and the law pertaining to filing of reports by farmer cooperatives.

Other functions include: Licensing produce dealers; operation and inspection of the National Poultry Improvement Plan and the National Turkey Improvement Plan; operation and official compilation of data in the Pennsylvania egg laying test.

In addition, the Bureau of Markets is responsible for administration of the Pennsylvania Fair Fund.





Bureau of Plant Industry

Agricultural, vegetable, flower, tree and shrub seeds, and mixtures of seeds offered for sale on the market are checked by the Bureau of Plant Industry for purity, germination, weed seeds, noxious weed seeds, and other conditions to determine if they meet the labeling requirements of the Pennsylvania Seed Act.

Recent increases in acreage yields of grain crops and potatoes are due partly to the availability of superior crop seeds furnished through the seed certification service of this Bureau.

All of the nurseries in the state are inspected each year, and those found free of plant pests are officially certified. Where pests are found, prompt treatment for control is a requirement for certification. This assures buyers of Pennsylvania grown nursery stock that the material is, as far as can be determined, free of plant pests.

Statewide surveys are made to determine the presence or abundance of plant pests known to exist in the Commonwealth, such as black stem rust of cereal crops, Japanese beetle and others of periodic importance. Surveys also are made for pests of serious economic importance, such as oak wilt disease, gypsy moth, European chafer beetle, cereal leaf beetle, spotted alfalfa aphid, and corn viruses.

Control programs for pests of agricultural importance are conducted, based on use of approved chemicals or biological agents. Release of parasites, such as *Ooencyrtus* for gypsy moth and parasitic wasps for alfalfa weevil, has proved to be effective. State or federal quarantines may be established to regulate the movement of hazardous material in affected areas until control has been obtained.

State Farm Show

The Pennsylvania Farm Show, biggest of its kind in the world under one roof, annually depicts the progress of agriculture in the Keystone State and the expanding influence of agriculture and agribusiness on the total economy.

The 1966 Farm Show reached two milestones in the history of this event.

It was the Golden Anniversary Show, the 50th in the long series that began in January 1917.

Attendance that has been increasing over the years, reached the 700,000-mark for the first time.

In agricultural competitions, cash awards won by exhibitors totaled more than \$51,000.

The Farm Show is conducted by the Pennsylvania State Farm Products Show Commission. Serving the Commission in an advisory capacity is the Farm Show Committee that is made up of representatives of 57 different agricultural and educational organizations.

Farm Show facilities are being used more extensively with each passing year. The 1966 schedule lists 51 separate events, including the four state-sponsored shows—the All-American Dairy Show, Junior Dairy Show, Livestock Exposition and Farm Show.





Soil and Water Conservation

The State Soil and Water Conservation Commission has been created as an agency in the Department of Agriculture by act of the General Assembly of the Commonwealth of Pennsylvania. Also contained in the same act is the authorization for the establishment of local soil and water conservation districts.

The purpose of this act, which is identified as Act 217, Soil and Water Conservation District Law is "to provide for the conservation of the soil and soil resources of this Commonwealth, and for the control and prevention of soil erosion, and thereby to preserve natural resources; assist in the control of floods; prevent impairment of dams and reservoirs; assist in maintaining the navigability of rivers and harbors; preserve wildlife; preserve the tax base; protect public lands; and protect and promote the health, safety and general welfare of the people of the Commonwealth."

The State Soil and Water Conservation Commission is composed of six members as follows—the Secretary of Agriculture, who is the chairman; the Secretary of Forests and Waters; the Dean of the College of Agriculture of the Pennsylvania State University, and three farmer members appointed by the Governor.

Since the enactment of the Soil and Water Conservation District Law in 1945, sixty-three of Pennsylvania's sixty-seven counties have been declared Soil and Water Conservation Districts. The latest was Blair County that became a district in January 1966. The conservation practices which have been completed under district sponsored programs would require much more space to tell about than is allotted here. Many of these practices speak for themselves and are very noticeable to even a casual observer as he travels through our state.

With the rapid increase in population that has been occurring and will apparently continue, conservation of our natural resources is one of the most important problems facing our state and nation today. This fact has been particularly emphasized by our recognition that natural resources of water and rural areas are so closely allied with recreation and the realization that unless these resources are preserved and used wisely, future generations will suffer because of the failure of the present generation to act. Water shortage and water quality are two problems that are receiving increasing attention, too.

Crop Reporting Service

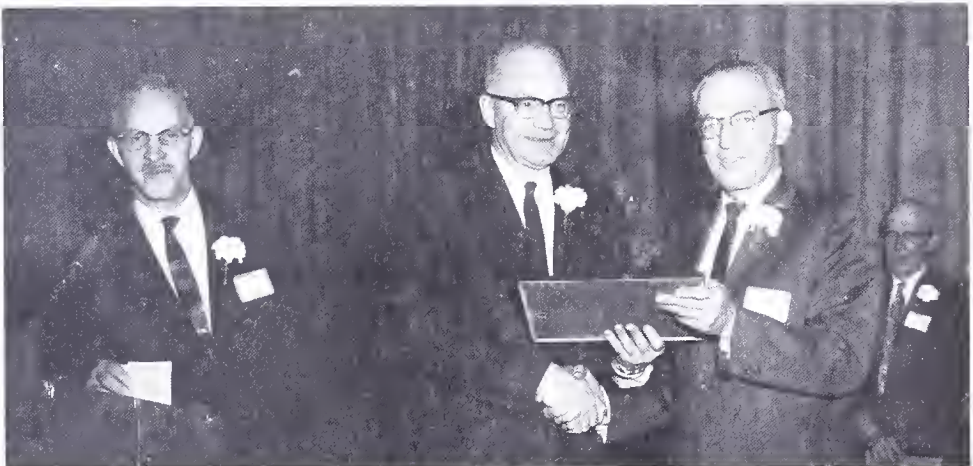
The Pennsylvania Crop Reporting Service is a cooperative operation of the Pennsylvania Department of Agriculture and the Statistical Reporting Service of the U. S. Department of Agriculture. Its primary function and responsibility is to serve as the fact finding and research agency for both departments.

It is responsible for collecting, analyzing and disseminating agricultural facts for and within the Commonwealth. In addition, the Crop Reporting Service conducts special surveys on production and marketing practices.

In June and November of each year trained interviewers obtain information from farmers in scientifically selected sample areas to augment data obtained from mailed inquiries. For an increasing number of surveys, automatic data processing is used to speed handling of reports. The service issues a weekly broiler report, a weekly weather and crop summary during the growing season, monthly reports on milk and egg production, prices received and paid by farmers, animal slaughter, and chicks hatched. During the growing season monthly reports cover the progress of vegetable, fruit, potato, tobacco and grain production. Periodic reports on livestock inventories, maple sirup, honey, calf, lamb, wool and pig crops are also provided.

Current as well as historic agricultural statistics are essential to many well managed business enterprises. They are useful to farmers, legislators, agricultural leaders, manufacturers, transportation companies, processors, storage facilities operators, research workers and many other allied agricultural interests.

Approximately 15,000 farm operators serve as the backbone of this agency by voluntarily supplying timely information from the farm front. Also important is the cooperation given by handlers of farm products, dealers in farm services and supplies, marketing and processing firms, banks and general businesses. With the assistance of all these segments of the agricultural economy, accurate and up-to-date information is readily available on a statewide and a county basis.





Harness Racing Commission

The State Harness Racing Commission—under Act 728, approved December 22, 1959—has responsibility and jurisdiction in regulating all activities in Pennsylvania relating to pari-mutuel harness racing.

In its three years of operation—1963, 1964 and 1965—this industry has grown and gained a respected position in the sport of harness racing. Increased attendance and wagering at tracks in Pennsylvania during this period has resulted in revenue totaling more than \$14,000,000 for the Commonwealth.

The four licensed associations conducted meets, with a total of 236 days of racing, in 1965. They have been authorized, by legislation, to have 248 days of racing in 1966. The licensees are:

Liberty Bell Racing Association which conducts its meets at Liberty Bell Park in the northeastern section of Philadelphia.

William Penn Racing Association which also uses Liberty Bell Park for its allotted days of racing.

The Washington Trotting Association which operates The Meadows in Washington County.

Pocono Downs, Inc., which conducts its racing at Pocono Downs Track in Luzerne County.

These tracks have been rated by horsemen as among the finest and fastest five-eighth mile ovals in the world.

PENNSYLVANIA AGRICULTURAL ORGANIZATIONS

(With name and address of Secretary or Manager)

- STATE COUNCIL OF FARM ORGANIZATIONS—Richard Van Noy, 1604 N. 2nd St., Harrisburg 17108
- PENNSYLVANIA STATE GRANGE—Richard Van Noy, 1604 N. 2nd St., Harrisburg 17108
- PENNSYLVANIA FARMERS ASSN.—Hollis A. Hatfield, 21st & Chestnut Sts., Camp Hill 17011
- PENNSYLVANIA AGRICULTURAL MARKETING COOPERATIVE—Hollis A. Hatfield, 21st & Chestnut Sts., Camp Hill
- SOCIETY OF FARM WOMEN OF PENNSYLVANIA—Mrs. D. Wilbur Erb, Harrisburg RD 1
- PENNSYLVANIA ASSN. OF FARMER COOPERATIVES—Clair J. Allshouse, Brookville RD 1
- PENNSYLVANIA STATE UNIVERSITY AGRICULTURAL ADVISORY COUNCIL—Jack R. Grey, 211 Agriculture Bldg., Harrisburg 17120
- AGWAY INC.—Edmund H. Fallon, 300 S. Geddes St., Box 1333, Syracuse, N. Y. 13201 (Gen. Mgr.)
- DAIRYMEN'S CO-OPERATIVE SALES ASSN.—Homer H. Martz, 451 Century Bldg., Pittsburgh 15222
- DAIRYMEN'S LEAGUE CO-OPERATIVE ASSN., INC.—Lester W. Martin, 100 Park Ave., New York, N. Y. 10017 (Pres.)
- EASTERN MILK PRODUCERS COOPERATIVE ASSN., INC.—John C. York, Kinne Rd., Syracuse, N. Y. 13214
- INTER-STATE MILK PRODUCERS COOPERATIVE—Clara Gallagher, 401 N. Broad St., Philadelphia 19108
- PENNSYLVANIA DAIRY AND ALLIED INDUSTRIES ASSN.—Harold R. McCulloch, Farm Show Bldg., Harrisburg 17120
- PENNSYLVANIA DAIRY FEDERATION—Robert C. McKinley, 234 S. 22nd St., Philadelphia
- PENNSYLVANIA DAIRYMEN'S ASSN.—Charles E. Cowan, 2025 Bloomingdale Ave., Lancaster
- COUNTRY BELLE COOPERATIVE FARMERS—W. C. Larson, P. O. Box 507, Pittsburgh 15230 (Gen. Mgr.)
- PENNSYLVANIA DAIRY AND LIVESTOCK HEALTH COMMITTEE—J. Philip Stover, Bellefonte RD 2
- PENNSYLVANIA RAW MILK PRODUCER-DISTRIBUTORS ASSN.—Mrs. J. Louis Baker, Beallsville
- PENNSYLVANIA ASSN. OF ARTIFICIAL BREEDING COOPERATIVES—J. Lewis Williams, 25 Ridgeview Dr., Uniontown
- ATLANTIC BREEDERS COOPERATIVE—David J. Yoder, Harrisburg Pike, Box 254, Lancaster (Gen. Mgr.)
- NORTHEASTERN BREEDERS ASSN. (NEBA)—F. P. Shannon, Tunkhannock RD 2 (Gen. Mgr.)
- PENNSYLVANIA PUREBRED DAIRY CATTLE ASSN.—William H. Juzi, Box 458, Camp Hill 17011
- PENNSYLVANIA Ayrshire BREEDERS ASSN.—Mrs. Harris Horn, Dover RD 2
- PENNSYLVANIA STATE BROWN SWISS ASSN.—A. L. Morrison, Jr., 437 Duquesne Dr., Pittsburgh 15216
- PENNSYLVANIA GUERNSEY BREEDERS ASSN.—William H. Juzi, Box 458, Camp Hill 17011
- PENNSYLVANIA HOLSTEIN ASSN., INC.—William C. Nichol, 839 Benner Pike, State College 16801
- PENNSYLVANIA JERSEY CATTLE CLUB, INC.—Mrs. Jacob M. Brunges, Tunkhannock
- PENNSYLVANIA MILKING SHORTHORN SOCIETY—Donald G. Means, Shippensburg Star Rte. 2
- PENNSYLVANIA DAIRY GOAT ASSN.—Mrs. Dee Burke, Tarentum RD 4
- PENNSYLVANIA LIVESTOCK AND ALLIED INDUSTRIES ASSN., INC.—Spencer G. Nauman, Jr., Bergner Bldg., Harrisburg
- PENNSYLVANIA ANGUS ASSN., INC.—Lewis E. Smith, Glen Rock RD 3

PENNSYLVANIA HEREFORD BREEDERS ASSN.—Leroy C. Nailor, Jr., Dillsburg RD 3
 PENNSYLVANIA POLLED HEREFORD ASSN.—Maurice Wagner, Parker RD 3
 PENNSYLVANIA SHORTHORN BREEDERS COOPERATIVE ASSN.—Bradley Eisiminger,
 Waynesburg RD 3
 PENNSYLVANIA SHEEP AND WOOL GROWERS ASSN.—Stan Gates, Lafayette Hill
 PENNSYLVANIA CORRIEDALE BREEDERS ASSN.—Aldo Mazero, 307 Sewickley Ave.,
 Herminie
 PENNSYLVANIA HAMPSHIRE SHEEP ASSN., INC.—Lois Nordin, Russell RD 1
 PENNSYLVANIA SUFFOLK SHEEP ASSN.—George V. Hunter, Stoneboro RD 2
 PENNSYLVANIA COOPERATIVE SWINE BREEDERS ASSN.—Woodrow A. Walbert,
 Alburtis
 PENNSYLVANIA BERKSHIRE BREEDERS ASSN.—Robert B. Hubler, Lewisburg RD 1
 PENNSYLVANIA CHESTER WHITE SWINE BREEDERS ASSN.—J. Harold Little, 1009
 York St., Hanover
 PENNSYLVANIA DUROC SWINE BREEDERS ASSN.—Clyde W. McConaughy, Smicks-
 burg
 PENNSYLVANIA HAMPSHIRE SWINE BREEDERS ASSN.—D. W. Fetterolf, Centre Hall
 PENNSYLVANIA LANDRACE SWINE BREEDERS ASSN.—James Z. Martin, Christiana
 RD 1
 PENNSYLVANIA POLAND CHINA BREEDERS ASSN.—Lawrence L. Showers, Milton
 RD 2
 PENNSYLVANIA SPOTTED SWINE BREEDERS ASSN.—C. Warren Leininger, Denver
 RD 2
 PENNSYLVANIA YORKSHIRE COOPERATIVE ASSN., INC.—Wellington A. Hiester, Sr.,
 Fleetwood RD 3
 PENNSYLVANIA HORSE AND MULE ASSN.—William S. Cruikshank, Valencia RD 2
 PENNSYLVANIA HORSE BREEDERS ASSN., INC.—Richard E. McDevitt, 1421 Chestnut
 St., Philadelphia 19102
 PENNSYLVANIA POULTRY FEDERATION—Mrs. Phylis S. Moffett, 2430 N. 2nd St.,
 Harrisburg 17110
 TURKEY DIVISION OF PENNSYLVANIA POULTRY FEDERATION—Ben Shenk, Millers-
 ville RD 1
 PENNSYLVANIA HORTICULTURAL COUNCIL—E. M. Damon, 25 N. Duke St., York
 STATE HORTICULTURAL ASSN. OF PENNSYLVANIA—George A. Goodling, Loganville
 PENNSYLVANIA FRUIT MARKETING COOPERATIVE, INC.—Ralph W. Tyson, Gardners
 PENNSYLVANIA RED CHERRY GROWERS ASSN.—Richard Meehl, North East
 PENNSYLVANIA VEGETABLE GROWERS ASSN.—Rudy Grob, 2036 Stone Mill Rd.,
 Lancaster
 PENNSYLVANIA COOPERATIVE POTATO GROWERS, INC.—Owen L. Barkley, 670 Division
 St., Harrisburg (Gen. Mgr.)
 MUSHROOM GROWERS COOPERATIVE ASSN. OF PENNSYLVANIA—Anthony Citino, Box
 375, Kennett Square
 PENNSYLVANIA NUT GROWERS ASSN.—George G. Weber, 748 Queen St., York
 PENNSYLVANIA STATE BEEKEEPERS ASSN.—Bob Crimbring, Canton RD 1
 PENNSYLVANIA STATE MAPLE PRODUCERS COUNCIL—Robert McConnell, Box 232,
 Coudersport
 PENNSYLVANIA CROP IMPROVEMENT ASSN.—V. A. Houston, Box 32, State College
 PENNSYLVANIA FOUNDATION SEED COOPERATIVE—Anthony J. Schreiber, Jr., Jersey
 Shore (Mgr.)
 PENNSYLVANIA FLOWER GROWERS—Howard G. Krupp, 50 N. Main St., Chalfont
 PENNSYLVANIA NURSERYMEN'S ASSN., INC.—Irvin S. Lieberman, 2017 Walnut St.,
 Philadelphia 19103 (Adm. Dir.)
 PENNSYLVANIA CHRISTMAS TREE GROWERS ASSN.—Irvin S. Lieberman, 2017 Wal-
 nut St., Philadelphia 19103 (Adm. Dir.)
 PENNSYLVANIA MASTER FARMERS ASSN.—Alvin K. Rothenberger, Worcester
 PENNSYLVANIA YOUNG FARMERS ASSN.—Frederic Leiser, Watsontown RD 1
 PENNSYLVANIA ASSN. FUTURE FARMERS OF AMERICA—Harold Myer, Myerstown
 RD 1
 PENNSYLVANIA ASSN. FUTURE HOMEMAKERS OF AMERICA—Dawna L. Baker, 1617
 Philadelphia St., Indiana
 PHILADELPHIA SOCIETY FOR PROMOTING AGRICULTURE—William H. White, 220 S.
 16th St., Philadelphia 19102
 PENNSYLVANIA ASSN. OF SOIL AND WATER CONSERVATION DISTRICT DIRECTORS—Mrs.
 Sophie Westgate, Box 191, Milford

ALLIED AGRICULTURAL ORGANIZATIONS

- PENNSYLVANIA CANNERS AND FOOD PROCESSORS ASSN.—Miss R. M. Mears, 25 N. Duke St., York 17401
- PENNSYLVANIA ASSN. OF LOCKER AND FREEZER PROVISIONERS—Mrs. Dorothy M. Forney, Box 64, Elizabethtown
- PENNSYLVANIA MEAT PACKERS ASSN.—Emerson Graver, 1813 Ranstead St., Philadelphia 19103
- PENNSYLVANIA LIVESTOCK AUCTION ASSN.—Walter B. Lehman, Lawn
- PENNSYLVANIA RETAIL FLORISTS—Mrs. Edythe B. Pfahl, Box 876, State College
- PENNSYLVANIA EGG MARKETING ASSN.—E. J. Lawless, Jr., 4208-B Sussex Dr., Colonial Park, Harrisburg
- PENNSYLVANIA POULTRY PROCESSORS ASSN.—E. J. Lawless, Jr., 4208-B Sussex Dr., Colonial Park, Harrisburg
- FRUIT AND VEGETABLE INSPECTIONS ASSN. OF PENNSYLVANIA, INC.—Clyde L. Miller, 312 Agriculture Bldg., Harrisburg 17120
- PENNSYLVANIA ASSN. OF MILK DEALERS—Henry R. Geisinger, 303 Telegraph Bldg., Harrisburg 17101 (Ex. Vice Pres.)
- ATLANTIC DAIRY ASSN., INC.—Frank Bushek, 4-6 Township Line Rd., Philadelphia (Mgr.)
- DAIRY COUNCIL INC. OF PHILADELPHIA—Robert C. McKinley, 234 S. 22nd St., Philadelphia (Pres.)
- PITTSBURGH DISTRICT DAIRY COUNCIL—Walter J. Clouse, 217 N. Craig St., Pittsburgh
- PENNSYLVANIA FARMERS MILK JUGGING ASSN., INC.—Carl L. Culp, 2074 Hobson Dr., Ford City
- PENNSYLVANIA APPROVED DAIRY LABORATORY DIRECTORS ASSN.—Dr. J. Frank Cone, Borland Laboratory, University Park 16802
- PENNSYLVANIA BAKERS ASSN.—Robert H. Maurer, 400 N. Front St., Harrisburg
- PENNSYLVANIA MILLERS AND FEED DEALERS ASSN.—Donald W. Parke, Box 329, Ephrata
- PENNSYLVANIA RETAIL FARM AND INDUSTRIAL EQUIPMENT ASSN.—Robert F. Hartford, 2nd Ave. & Whitehorse Rd., Phoenixville (Ex. Dir.)
- PENNSYLVANIA SEEDSMEN'S ASSN.—Charles C. Abbot, Box 230, Plymouth Meeting
- PENNSYLVANIA CHAIN STORE COUNCIL—John McNelis, 619 Penn Square Bldg., Philadelphia (Mng. Dir.); 213 Telegraph Bldg., Hbg. 17101
- PENNSYLVANIA FOOD MERCHANTS ASSN.—Albert P. Vicks, 1120 State St., Erie 16512 (Ex. Dir.)
- PENNSYLVANIA GROCERS ASSN.—William A. Hubbs, Jr., 3701 N. Broad St., Philadelphia 19140
- KEYSTONE BOTTLERS ASSN.—Asa L. Day, 101 Locust St., Harrisburg
- PENNSYLVANIA STATE ASSN. OF COUNTY FAIRS—John S. Giles, 123 S. 5th St., Reading 19602
- PENNSYLVANIA STATE BANKERS ASSN., COMMITTEE ON AGRICULTURE—Belden L. Daniels, 23 N. Front St., Harrisburg 17108 (Ex. Mgr.)
- PENNSYLVANIA FLYING FARMERS ASSN.—Mrs. Helen Jackson, Wampum
- PENNSYLVANIA INLAND FERTILIZER ASSN.—Eugene A. Reichard, 2950 Gordon St., Allentown 18104
- PENNSYLVANIA GRASSLAND COUNCIL—C. M. Wolgemuth, Milton Hershey Farms, Hershey
- PENNSYLVANIA PLANT FOOD EDUCATIONAL SOCIETY, INC.—Robert J. Thomas, 320 Armsby Bldg., University Park 16802
- ENTOMOLOGICAL SOCIETY OF PENNSYLVANIA—E. J. Udine, 204 Agricultural Education Bldg., University Park 16802
- KEYSTONE CHAPTER, SOIL CONSERVATION SOCIETY OF AMERICA—Rollin Swank, Mercer RD 1
- PENNSYLVANIA RURAL SAFETY COUNCIL—Mrs. O. W. Shannon, 2923 Maple Rd., Camp Hill
- PENNSYLVANIA VETERINARY MEDICAL ASSN.—Dr. Palace H. Seitz, Box 403, Harrisburg 17108
- PENNSYLVANIA FUR BREEDERS ASSN.—Mrs. Louise K. Westrick 328 Bucknell Ave., Johnstown

PENNSYLVANIA COUNTY AGENTS ASSN.—E. J. Dieffenbach, Courthouse Annex, Montrose 18801
 PENNSYLVANIA ASSN. OF EXTENSION HOME ECONOMISTS—Marion Dawson, Courthouse, Reading 19601
 PENNSYLVANIA SECTION, AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS—M. E. Schroeder, 210 Agricultural Engineering Bldg., University Park 16802
 PENNSYLVANIA VOCATIONAL AGRICULTURAL TEACHERS ASSN.—Wenroy Smith, Saltsburg, RD 2 15681
 PENNSYLVANIA STATE ASSN. OF TOWNSHIP SUPERVISORS—Milton W. DeLancey, 3001 Gettysburg Rd., Camp Hill
 PENNSYLVANIA STATE ASSN. OF COUNTY COMMISSIONERS—James A. Green, Courthouse, Butler

COUNTY SOIL AND WATER CONSERVATION DISTRICT SECRETARIES

County	
ADAMS	Stuart A. Lucabaugh, RD 5, Hanover
ALLEGHENY	Thurman Michael, RD 1, Cheswick
ARMSTRONG	A. W. Wilson, RD 5, Kittanning
BEAVER	Glenn Dodds, Beaver Trust Co., Beaver
BEDFORD	George L. Reisner, Box 68, Bedford
BERKS	Mrs. Anna Kauffman, Leesport
BLAIR	(To be appointed)
BRADFORD	Anthony Barrett, 209 Main St., Towanda
BUCKS	Harry Atkinson, Jr., Box 96, Penns Park
BUTLER	James A. Green, Court House, Butler
CAMBRIA	Miss Margaret Brown, Court House, Ebensburg
CARBON	William Swineberg, RD 2, Weatherly
CENTRE	Mrs. Mary Y. Shawley, RD 3, Bellefonte
CHESTER	Robert G. Struble, 405 F&M Bldg., West Chester
CLARION	Winan McCall, RD 1, Parker
CLEARFIELD	Gazel M. Owens, 318 Clearfield St., Clearfield
CLINTON	Mrs. Phoebe Fox, 211 Henderson St., Lock Haven
COLUMBIA	Paul W. Shultz, RD 1, Bloomsburg
CRAWFORD	Mrs. Betty Lawrence, Com. Room, Court House, Meadville
CUMBERLAND	Donald Deckman, RD 2, Mechanicsburg
DAUPHIN	George W. Moore, 646 Center St., Millersburg
ELK	(To be appointed)
ERIE	Niles M. Weldon, West Springfield
FAYETTE	Mrs. Jacob Cover, RD 2, Smithfield
FRANKLIN	Mrs. S. Paul Kriner, 501 Cleveland Ave., Chambersburg
FULTON	Robert Knepper, Star Rt., Three Springs
GREENE	Arthur Biddle, RD 1, Carmichaels
HUNTINGDON	Donald C. Broadbent, RD, Alexandria
INDIANA	Robert H. Nehrig, RD 2, Homer City
JEFFERSON	James B. Rhodes, RD 3, Reynoldsville
JUNIATA	James Freyermuth, Box 26, McAlisterville
LACKAWANNA	Thomas J. Snyder, RD 1, Jermyn
LANCASTER	Garland E. Gingerich, RD 1, Millersville
LAWRENCE	Arthur Wilson, RD 3, Volant
LEBANON	Mrs. Jane L. Shuey, 126 E. Walnut St., Palmyra
LEHIGH	Raymond L. Huber, RD 1, Macungie
LUZERNE	Ernest S. Young, 347 E. Noble St., Nanticoke
LYCOMING	Joseph G. Sick, RD 1, Montoursville
McKEAN	Mrs. Kay Burford, ½ E. King St., Smethport
MERCER	James R. Ellenberger, Box 3, Clark
MIFFLIN	Clyde W. Krepps, RD 1, McVeytown

MONROE	Raymond Alleger, RD 3, East Stroudsburg
MONTGOMERY	Paul Felton, 37 Crawford Rd., Audubon
MONTOUR	Reginald Shultz, RD 3, Danville
NORTHAMPTON	Richard A. Heil, Court House, Easton
NORTHUMBERLAND ...	J. Lowery Moore, RD 3, Watsontown
PERRY	Virgil Gutshall, W. Main St., New Bloomfield
PIKE	Mrs. Sophie Westgate, Box 191, Milford
POTTER	Henry W. Staiger, Coudersport
SCHUYLKILL	Byron A. Breisch, Ringtown
SNYDER	Albert B. Drumheller, RD, Middleburg
SOMERSET	Warren K. Hay, RD 6, Somerset
SULLIVAN	George R. Peterson, Jr., RD, Dushore
SUSQUEHANNA	Mrs. Ruth Gesford, Naumann Hotel Bldg., Montrose
TIOGA	Mary Ellen Snyder, Court House, Wellsboro
UNION	Robert B. Holman, RD 1, Mifflinburg
VENANGO	Harry F. Fowler, Court House, Franklin
WARREN	J. R. Reddecliff, 1818 Market St. Ext., Warren
WASHINGTON	William L. Hutchinson, 335 Jefferson Ave., Washington
WAYNE	Lester Perry, Star Rt., Honesdale
WESTMORELAND	Ford M. Frank, So. Huntingdon Twp. School, Ruffsdale
WYOMING	Edgar Engelman, Noxen
YORK	Thomas M. Malin, County Supt. of Schools Office, York

AMERICAN BREED RECORD ASSOCIATIONS

(Names and Headquarters Addresses of Associations)

HORSES—DRAFT BREEDS

- AMERICAN CREAM DRAFT HORSE ASSOCIATION—Hubbard, Iowa
- AMERICAN SHIRE HORSE ASSOCIATION—P. O. Box 10, Hallsville, Mo.
- AMERICAN SUFFOLK ASSOCIATION—Clinton, N. J.
- BELGIAN DRAFT HORSE CORP. OF AMERICA—P. O. Box 335, 282 S. Wabash St., Wabash, Ind.
- CLYDESDALE BREEDERS' ASSOCIATION OF THE U. S.—910 Goff Bldg., Clarksburg, W. Va.
- PERCHERON HORSE ASSOCIATION OF AMERICA—Box 101, RD 1, Fair Oaks, Ind.
- STANDARD JACK AND JENNY REGISTRY—c/o Sugarloaf Farm, Lexington RD 2, Ky.

HORSES—LIGHT BREEDS

- AMERICAN ALBINO HORSE CLUB—Naper, Neb.
- AMERICAN HACKNEY HORSE SOCIETY—11 Park Place, New York 7, N. Y.
- AMERICAN QUARTER HORSE ASSOCIATION—P. O. Box 271, Amarillo, Texas
- AMERICAN SADDLE HORSE BREEDERS' ASSOCIATION—929 S. 4th St., Louisville 3, Ky.
- AMERICAN SHETLAND PONY CLUB—Box 1250, Lafayette, Ind.
- APPALOOSA HORSE CLUB—Box 640, Moscow, Idaho
- THE ARABIAN HORSE CLUB REGISTRY OF AMERICA—120 S. LaSalle St., Chicago 3, Ill.
- CLEVELAND BAY ASSOCIATION—A. Mackey Smith, White Post, Va.
- THE JOCKEY CLUB—300 Park Ave., New York 22, N. Y.
- THE MORGAN HORSE CLUB—P. O. Box 2157, Bishop's Corner Branch, West Hartford 17, Conn.
- MOROCCO SPOTTED HORSE CO-OP. ASSN. OF AMERICA—Greenfield, Iowa
- PALOMINO HORSE ASSN.—Box 446, Reseda, Calif.
- PALOMINO HORSE BREEDERS OF AMERICA, INC.—P. O. Box 249, Mineral Wells, Texas
- UNITED STATES TROTTING ASSOCIATION—750 Michigan Ave., Columbus, Ohio
- WALKING HORSE BREEDERS' ASSOCIATION OF AMERICA—P. O. Box 87, Lewisburg, Tenn.
- WELSH PONY AND COB SOCIETY OF AMERICA—Edwardsville, Va.

BEEF AND DUAL-PURPOSE CATTLE

- AMERICAN ANGUS ASSOCIATION—3201 Frederick Blvd., St. Joseph, Mo.
 BELTED GALLOWAY SOCIETY—Summitville, Ohio
 AMERICAN BRAHMAN BREEDERS' ASSOCIATION—4815 Gulf Freeway, Houston 23, Texas
 INTERNATIONAL BRANGUS BREEDERS' ASSOCIATION—908 Livestock Exch. Bldg., Kansas City 2, Mo.
 AMERICAN CHARBRAY BREEDERS' ASSN.—475 Texas Natl. Bank Bldg., Houston 2, Texas
 THE AMERICAN DEVON CATTLE CLUB—704 Suffield St., Agawam, Mass.
 AMERICAN GALLOWAY BREEDERS' ASSOCIATION—Box 1011, Denver, Colo.
 AMERICAN HEREFORD ASSOCIATION—Hereford Drive, Kansas City, Mo.
 AMERICAN INTERNATIONAL CHAROLAISE ASSN.—923 Lincoln Liberty Life Bldg., Houston 2, Texas
 AMERICAN KERRY AND DEXTER CLUB—707 W. Walter St., Decorah, Iowa
 AMERICAN MILKING SHORTHORN SOCIETY—313 S. Glenstone Ave., Springfield 4, Mo.
 AMERICAN POLLED HEREFORD BREEDERS' ASSOCIATION—4700 E. 63rd St., Trwfy., Kansas City, Mo.
 AMERICAN SCOTCH HIGHLAND BREEDERS' ASSOCIATION—Box 746, Edgemont, S. D.
 AMERICAN SHORTHORN BREEDERS' ASSOCIATION—Omaha 7, Neb.
 RED ANGUS ASSOCIATION OF AMERICA—Box 391, Ballinger, Texas
 RED POLLED CATTLE CLUB OF AMERICA—3275 Holdredge St., Lincoln 3, Neb.
 SANTA GERTRUDIS BREEDERS' ASSOCIATION—P. O. Box 1373, Kingsville, Texas

SWINE

- AMERICAN BERKSHIRE ASSOCIATION—601 W. Monroe St., Springfield, Ill.
 AMERICAN LANDRACE ASSOCIATION—Box 29, Noblesville, Ind.
 AMERICAN YORKSHIRE CLUB—1001 South St., Box 228, Lafayette, Ind.
 CHESTER WHITE SWINE RECORD ASSOCIATION—116 E. 8th St., Rochester, Ind.
 THE HAMPSHIRE SWINE REGISTRY—1111 Main St., Peoria, Ill.
 INBREED LIVESTOCK REGISTRY ASSN.—Box 70, Excelsior, Minn.
 NATIONAL HEREFORD HOG RECORD ASSOCIATION—Norway, Iowa
 OIC SWINE BREEDERS' ASSOCIATION—Box 14, Greencastle, Ind.
 THE POLAND CHINA RECORD ASSOCIATION—501 E. Losey St., Galesburg, Ill.
 SPOTTED RECORD ASSOCIATION—Bainbridge, Ind.
 TAMWORTH SWINE ASSOCIATION—Box 88, Evansville, Ind.
 UNITED DUROC RECORD ASSOCIATION—Duroc Bldg., 239 N. Monroe St., Peoria 3, Ill.
 WESSEX SADDLEBACK ASSOCIATION—4010 Clinton Ave., Des Moines 10, Iowa

SHEEP

- AMERICAN AND DELAINE MERINO RECORD ASSOCIATION—4000 Water St., Wheeling, W. Va.
 AMERICAN CHEVIOT SOCIETY, INC.—5051 Flourtown Rd., Lafayette Hill, Penn.
 AMERICAN CORRIEDALE ASSOCIATION—108 Parkhill Ave., Columbia, Mo.
 AMERICAN COTSWOLD ASSOCIATION—Sigel, Ill.
 AMERICAN HAMPSHIRE SHEEP ASSOCIATION—Box 7, Stuart, Iowa
 AMERICAN OXFORD DOWN RECORD ASSOCIATION—Eaton Rapids, Michigan
 AMERICAN PANAMA REGISTRY ASSOCIATION—Jerome, Idaho
 AMERICAN RAMBOUILLET SHEEP BREEDERS' ASSOCIATION—2709 Sherwood Way, San Angelo, Texas
 AMERICAN ROMNEY BREEDERS' ASSOCIATION—212 Wittycombe Hall, Corvallis, Oregon
 AMERICAN SHROPSHIRE REGISTRY ASSOCIATION—Box 678, Lafayette, Ind.
 AMERICAN SOUTHDOWN BREEDERS' ASSOCIATION—212 South Allen St., State College, Penna.
 AMERICAN SUFFOLK SHEEP SOCIETY—Newton, Utah
 BLACK-TOP & NATL. DELAINE MERINO SHEEP ASSN.—23 W. Pitt St., Canonsburg, Penna.

BLACK-TOP DELAINE MERINO SHEEP BREEDERS' ASSN.—Howell RD 4, Mich.
 COLUMBIA SHEEP BREEDERS' ASSOCIATION—121 N. College Ave., Fort Collins, Colo.
 CONTINENTAL DORSET CLUB—Box 217, Hickory, Penna
 DEBOUILLET SHEEP BREEDERS' ASSN.—Rosewell, N. M
 KARAKUL FUR SHEEP REGISTRY—Fabius, N. Y
 MONTADALE SHEEP BREEDERS' ASSOCIATION—61 Angelica St., St. Louis 7, Mo
 NATIONAL LINCOLN SHEEP BREEDERS' ASSOCIATION—West Milton RD 1, Ohio
 NATIONAL SUFFOLK SHEEP ASSOCIATION—P. O. Box 324, Columbia, Mo
 NATIONAL TUNIS SHEEP REGISTRY—106 Liberty St., Bath, N. Y.
 ROMELDALE (PRIVATE REGISTRY)—Route 1, Box 66, Calistoga, Calif.
 TEXAS DELAINE MERINO RECORD ASSOCIATION—Burnet RD 1, Texas
 UNITED KARAKUL REGISTRY—Box 669, Twin Falls, Idaho

DAIRY CATTLE

THE AMERICAN DAIRY CATTLE CLUB—Interlaken, N. Y.
 THE AMERICAN GUERNSEY CATTLE CLUB—Peterborough, N. H.
 THE AMERICAN JERSEY CATTLE CLUB—1521 E. Broad St., Columbus, Ohio
 THE AMERICAN MILKING SHORTHORN SOCIETY—314 S. Glenstone Ave., Springfield 4, Mo.
 THE AYRSHIRE BREEDERS' ASSOCIATION—Brandon, Vt.
 THE BROWN SWISS CATTLE BREEDERS' ASSN. OF AMERICA—Beloit, Wis.
 THE DUTCH BELTED CATTLE ASSOCIATION OF AMERICA—Manteno, Ill.
 THE HOLSTEIN-FRIESIAN ASSOCIATION OF AMERICA—Brattleboro, Vt.
 HOLSTEIN-FRIESIAN ASSOCIATION OF CANADA—Brantford, Ontario
 HOLSTEIN-FRIESIAN REGISTRY ASSOCIATION, INC.—201 State St., Harrisburg, Penna.

GOATS

AMERICAN ANGORA GOAT BREEDERS' ASSOCIATION—P. O. Box 195, Rocksprings, Texas
 AMERICAN GOAT SOCIETY, INC.—7900 E. 66th St., Kansas City, Mo.
 AMERICAN MILK GOAT RECORD ASSOCIATION—P. O. Box 68, Bostic, N. C.

COUNTY AGRICULTURAL ORGANIZATIONS

ADAMS COUNTY

Organization	Name and Address of Secretary
Adams County Fair, Inc.	Miss Mary E. Elder, Abbottstown
Adams County Farmers' Assn.	Calvin Bream, Gettysburg RD 3
Adams County Fruit Growers Assn. ...	John H. Baugher, Aspers (Pres.)
Adams County Holstein Breeders	Adam Lobaugh, Aspers RD 1
Adams County Poultry Association	Roy Wetzel, Gettysburg RD 2
Adams Electric Cooperative, Inc.	John Kershaw, Gettysburg (Mgr.)
Farm Credit Assn.	Robert Flanders, Adams Electric Bldg., Gettysburg
Knouse Foods Co-op.	A. E. Rice, 135 West Broadway, Gettysburg
Mountain Orchard Co-op., Inc.	Everett Weiser, York Springs RD 1
Society of Farm Women	Mrs. George Long, Gardners RD 1
South Mountain Fair Assn.	David Bushman, Arendtsville

ALLEGHENY COUNTY

Allegheny County Division, Women's National Farm and Garden	Mrs. H. O. Baldauf, 317 Goldsmith Rd., Pittsburgh 15237
Allegheny County Fair Assn.	Miss Betty Colosimo, 411 Courthouse, Pittsburgh 15219
Beekeepers' Assn.	Mrs. Wayne Horton, Box 522, California Ave., Turtle Creek 15145

ALLEGHENY COUNTY—Continued

Organization	Name and Address of Secretary
City Farmers' Club	Knox Bassett, Dravo Bldg., 5th and Liberty Sts., Pittsburgh 15222
Fruit & Vegetable Growers' Assn.	Eugene H. Schramm, 7410 McKnight Rd., Pittsburgh 15237
Golf Course Superintendents Assn. of Western Pennsylvania	James Sinclair, Irwin
Men's Garden Club of Pittsburgh	S. H. Klinginsmith, Box 270, Saxonburg Blvd., Pittsburgh 15215
Pittsburgh Dairy Goat Assn.	Mrs. Margaret Goodwin, 1130 Grandview Dr., Bethel Park 15102
Pomona Grange	Mrs. R. J. Cooper, Gibsonia RD 1 15044
W. Pa. Flower Growers	Edward W. Blind, 5325 Perrysville Rd., Pittsburgh 15229
W. Pa. Nurserymen's Assn.	Frank Curto, Phipps Conservatory, Schenley Park, Pittsburgh 15213

ARMSTRONG COUNTY

Agricultural Forum of Armstrong County	D. Richard Hill, RD 1, Freeport
Armstrong Co. Farmers Assn.	William L. Hileman, Apollo RD 3
Armstrong County Holstein Club	Deal Aden, Dayton RD 3
Dayton Agr. & Mech. Assn.	Mrs. Shirley Huff, Dayton
Farm Credit Assn.	Lee Roy Miller, 131 N. Jefferson St., Kittanning
Pomona Grange	Don McCullough, Karns City RD 2
Sheep & Wool Growers' Co-op.	Chalmer H. Gould, Kittanning RD 7

BEAVER COUNTY

Beaver Co. Co-operative Assn.	A. T. Anderson, Box 66, Beaver
Farm Credit Assn.	Lee Roy Miller, 640 4th St., Beaver
Pomona Grange	Miss Mary Jordan, 401 Pleasant Dr., Aliquippa

BEDFORD COUNTY

Bedford Co. Allied Milk Producers' Co-op.	Ralph N. Miller, New Paris
Bedford Co. Farmers Assn.	Robert G. Little, New Enterprise RD 1
Bedford Co. Garden Club	Mrs. John R. Blackburn, Jr., Juliana Heights, Bedford
Bedford Farm Bureau Co-op.	Blair Dibert, Everett RD 1
Bedford Holstein Club	James Rankin, Bedford RD 1
Bedford Rural Electric Co-op., Inc. ...	Perry G. Wilson, Bedford (Mgr.)
Fair Association	Mrs. Richard Eichelberger, Bedford
Jersey Cattle Club	Robert Diehl, Manns Choice
New Enterprise Electric Co-op.	Lawrence Guyer, New Enterprise
Pomona Grange	Mrs. Mary Taylor, Schellsburg
So. Central Pa. Beef Producers' Assn. ...	John Harclerode, Bedford RD 2

BERKS COUNTY

Beekcepers' Assn.	Daniel E. Reed, Shoemakersville RD 1
Berks Co. Dairy Farmers' Assn.	Leroy Howard, Oley RD 1
Berks Co. Farmers' Assn.	Ellis R. Kunkel, Kempton RD 2
Berks County Poultry Assn.	Mrs. Russell Latshaw, Star Rt., Barto

BERKS COUNTY—Continued

Organization	Name and Address of Secretary
Berks Co. Swine Producers' Assn.	Wellington A. Hiester, Fleetwood RD 3
Berks Implement Dealers	Clyde Reinert, Berks Co. Trust Co., Reading
Berks-Lehigh Fruit Growers' Co-op.	John R. Mengel, Leesport
Christmas Tree Growers' Assn.	John Koch, Mohnton RD 1
Eastern Penna. Pork Producers Assn. ..	Wellington A. Hiester, Fleetwood RD 3
Fair Association	David Botvin, 1921 Alden St., Reading
Farm Credit Assn.	John Younker, Jr., 226 N. 6th St., Read- ing
Fruit Growers' Assn.	Aaron Ebling, Jr., Reading RD 2
Holstein Breeders' Assn.	John Riegel, Sinking Spring RD 1
Pomona Grange	Albert Bieber, Fleetwood RD 3
Society of Farm Women	Mrs. Fern Kulp, Boyertown RD 3
Wool Growers' Assn.	Luther Shucker, Fleetwood RD 2

BLAIR COUNTY

Blair County Farmers' Assn.	Donald Brumbaugh, Martinsburg RD
Blair Co. Holstein Breeders	David Hileman, Tyrone RD 1
Brown Swiss Breeders' Assn.	Charles Koch, Hollidaysburg RD
Central Guernsey Breeders	Robert Smith, Bedford RD 2
Fruit Growers' Assn.	Wade Mattern, 300 Union St., Hollidays- burg
Morrison's Cove Dairy Show	Robert Korona, East Freedom
National Farm Loan Assn.	Robert J. Ackers, Hollidaysburg
Pomona Grange	Mrs. Margaret Reese, Tyrone RD
Sheep and Wool Growers' Assn.	Ross Burket, Tyrone RD 1

BRADFORD COUNTY

Bradeo Egg Producers' Co-operative ...	Miss Florence Frawley, 211 Main St., Towanda
Bradford Co. Beekeepers Assn.	Robert Crimbring, Canton
Bradford Co. Farmers' Assn.	Mrs. Lulu Sink, Rome RD
Claverack Electric Co-op., Inc.	J. L. Hubbard, Towanda (Mgr.)
Cooperative Holstein-Friesian Assn.	Leigh Sturdevant, Wellsburg RD, N. Y.
Co-op. Sheep & Wool Growers' Assn. ..	A. E. Drake, Towanda RD 5
Endless Mts. Maple Syrup Producers Assn.	Harold Rose, New Milford
Guernsey Breeders' Assn.	Mrs. Scott Jackson, Columbia Crossroads RD 2
Jersey Breeders' Assn.	Claude S. Gorham, LeRaysville
NEPA Livestock Cooperative	Walter Kolaga, Nichols RD 2, N. Y.
Pomona Grange	Mrs. O. L. Fish, Towanda RD 5

BUCKS COUNTY

Bucks County Farmers' Assn.	Mrs. Elliott Myers, Bird School Rd., Ottsville
Bucks Co. Poultry Assn.	Dr. William Alexander, Delaware Valley College, Doylestown
Bucks-Montgomery Co-op. Wool Pool ..	Mrs. R. Moerman, Admin. Bldg., Doyles- town
Delaware Valley Milk Goat Assn.	Mr. William T. Grace, Ivyland RD
Farm Credit Assn.	Herbert Kratz, 95 N. Broad St., Doyles- town
Fruit Growers' Assn.	Lloyd Ott, Ottsville

BUCKS COUNTY—Continued

Organization	Name and Address of Secretary
Guernsey Breeders' Assn.	Mrs. H. Eastburn Smith, Box 253, New Hope RD 2
Bucks Co. Holstein Club	James Howes, Newtown RD 2
Jersey Cattle Club	Wesley Trumbauer, Hopwood Rd., Collegeville RD 2
Keystone Vegetable Growers' Co-op. ..	Bradford Snipes, Morrisville RD1
Lower Bucks County Pomona Grange ..	Mrs. Ivin S. Smith, New Hope RD 2
Montgomery-Bucks Farm Bureau Co-operative Assn.	Allen Kriebel, North Wales
Philadelphia Vegetable Growers	Elmer Myers, 1745 Park Ave., Cornwells Heights
Upper Bucks County Pomona Grange ..	Mrs. J. Wm. Andre, Riegelsville RD 1

BUTLER COUNTY

Associated Milk Producers and Handlers	Dale Fleming, Chicora RD 2 16025
Butler Co. Farmers' Assn.	Bernard Fox, Cabot RD 1 16023
Butler Co. Holstein Breeders' Assn. ...	David Wise, Harmony RD 1 16037
Butler Fair Assn.	Dale Fleming, Chicora RD 2 16025
Butler Farm Show, Inc.	John Graham, 271 Holyoke Rd., Butler 16001
Butler Farmers' Market	Robert Hemmerlin, Slippery Rock RD 3 16057
Butler-Lawrence Co. Guernsey Breeders Assn.	James Trotter, Rochester RD 1
Country Belle Co-operative Farmers ...	Wendell Smith, Butler RD 4 16001
Farm Loan Assn. and Butler Production Credit Assn.	Lee Roy Miller, Box 709, Butler RD 7 16001
Northwestern Pa. Hereford Breeders' Assn.	Rev. Fr. Anselm Orlosky, Holy Trinity Monastery, Butler RD 4 16001
Pomona Grange	Mrs. Carl Bortmas, Butler RD 5 16001
Potato Growers' Assn.	Lee Roy Miller, Butler RD 7 16001

CAMBRIA COUNTY

Cambria County Holstein Club	Theo. Mainhart, Portage RD 15946
Pomona Grange	Mrs. Carl Durbin, Patton RD 16668
Society of Farm Women	Mrs. Andrew Chuckalovchak, 849 Wm. Penn Hwy., Cresson 16630
Young Farmers' Association	Chester Zdunczyk, Portage RD 1 15946

CAMERON COUNTY

(None)

CARBON COUNTY

Carbon Co. Agricultural Assn.	Grant Bossard, 1001 Mahoning St., Lehighton
Cooperative Potato Growers' Assn.	Norman Strohl, Lehighton RD 3
Pomona Grange	Miss Marjorie Balliet, Lehighton RD 1

CENTRE COUNTY

Organization	Name and Address of Secretary
Beekeepers' Assn.	Robert Barr, Port Matilda RD
Central Pa. Livestock Co-op.	James Connor, Salona
Centre-Clearfield Co-op. Council	Wayne Keener, Boalsburg
Centre Co. Agricultural Forum	Joseph R. Hartle, Jr., Bellefonte RD 1
Centre County Farmers' Assn.	Frank Connolly, Pennsylvania Furnace
Centre County Goat Assn.	Frank Glenn, Lemont
Centre County Grange Fair	Mrs. Sara Grove, Centre Hall RD
Holstein Breeders' Assn.	Mrs. Gladys Rearick, Millheim
Pomona Grange	Mrs. Joseph H. Owens, 323 S. Main St., Pleasant Gap
Sheep and Wool Growers' Assn.	H. Malcolm Musser, Bellefonte RD 1

CHESTER COUNTY

American Mushroom Institute	Harrold B. Parrish, Kennett Square
Ayrshire Breeders' Assn.	Susan Young, Box 246, West Grove
Chester Co. Beekeepers' Assn.	John M. Wetherill, Box 1500, Glen Mills RD 1
Chester Co. Farmers' Assn.	Louise McMullan, West Chester RD 5
Chester Co. Flower Growers' Assn.	Frank P. Walton, Kennett Square RD 1
Chester-Delaware Counties Fruit Grow- ers Assn.	Robert H. Hodge, West Chester RD 4
Chester-Delaware Co. Poultry Assn.	Harry W. Adams, Monacy Rd., Coates- ville
Chester-Delaware Pomona Grange	Mrs. William Yarnall, 2403 Allendale Rd., Oak Lane Manor, Wilmington, Del. 19803
Farm Credit Assn.	Herbert E. Kratz, 305 Farmers' & Me- chanics Bldg., West Chester
Guernsey Breeders' Assn.	Frank Le Patourel, West Grove RD 1
Holstein-Friesian Assn.	Wm. High, Pottstown RD 1
Jersey Cattle Club	Mildred Seeds, Downingtown RD 2
Middle Atlantic Carnation Growers	Irvin W. Allott, 159 N. Chester Rd., West Chester
Mushroom Growers' Co-op. Assn. of Penna.	Anthony Citino, Birch St., Kennett Square
Producers' Cooperative Exchange	H. Raymond Stoner, 1051 Eden Rd., Lancaster
Society of Farm Women	Mrs. Lenore Binkley, Oxford RD 1

CLARION COUNTY

Central Electric Co-op., Inc.	William McKinley, Parker (Mgr.)
Clarion Co. Holstein Breeders' Assn. ...	Jerry Brown, New Bethlehem
Farm Credit Assn.	Robert Bleicher, Butler
Guernsey Breeders' Assn.	James Shook, Sligo RD 1
Pomona Grange	Mrs. C. R. Wassum, Curllsville
Sheep and Wool Growers' Assn.	Frank Craig, Sligo RD

CLEARFIELD COUNTY

Beekeepers' Assn.	George Lucas, Irvona 16656
Clearfield County Agricultural Society ..	E. Clair Davis, 1008 Old Town Rd., Clearfield
Clearfield Co. Milk Producers Assn. ...	Elmer Lezzer, Curwensville 16833
Clearfield Electric Co-op., Inc.	J. Riley Fulmer, Jr., Clearfield (Mgr.) 16830
Pomona Grange	Mrs. James Luzier, LeContes Mi's 16850

CLINTON COUNTY

Organization	Name and Address of Secretary
Clinton Co. Holstein Breeders' Assn.	Malcolm Peters, Beech Creek RD
Farm Credit Assn.	E. H. Schnure, 180 E. Water St., Lock Haven
Pomona Grange	Mrs. Glenn Muthler, Beech Creek RD
Tobacco Growers' Assn.	Hans Fritz, Lock Haven

COLUMBIA COUNTY

Berwick Vegetable Co-op.	John Heatherington, Ringtown
Columbia County Fair Assn.	Dan Kressler, Bloomsburg RD 1
Columbia Co. Farmers' Assn.	Hanley Gassert, Bloomsburg RD 3
Guernsey Breeders' Assn.	Christian F. Wolff, Jr., Millville RD 1
Pomona Grange	Mrs. Ruth Culver, Shickshinny RD 1

CRAWFORD COUNTY

Beekeepers' Assn	Mrs. Ralph Spring, Meadville RD 1
Cochranton Co-operative Assn.	Russell W. Mook, Mgr., Cochranton
Crawford Co. Farmers' Assn.	Mrs. Wilda Stein, Meadville RD 6
Farm Credit Assn.	Norman Rough, Masonic Bldg., Meadville
Holstein-Friesian Assn.	Carl E. Hurlbert, Jamestown RD 1
Meadville Co-op. Assn.	Arthur Wykoff, 191 Mercer St., Meadville
Northwestern Rural Electric Co-op., Inc.	William Wenner, Cambridge Springs (Mgr.)
N. W. Penna. Wool Growers' Assn.	H. T. Miles, Titusville RD 3
Pomona Grange	Mrs. Gordon Fralick, Corry RD 1

CUMBERLAND COUNTY

Carlisle Fair Assn.	H. Eugene Sheely, 176 Glendale St., Carlisle 17013
Carlisle Production Credit Assn.	Robert E. Stover, 515 E. North St., Carlisle
Cooperative Wool Growers' Assn.	George H. VanWagner, Dauphin RD 1
Cumberland County Farmers' Assn.	Donald Thrush, Shippensburg RD 1 17257
Cumberland Valley Co-op. Assn	Walter C. Nickles, Shippensburg 17257
Farm Credit Assn.	Kenneth F. Miller, 145 S. Duke St., York
Holstein-Friesian Assn.	Donald Thrush, Shippensburg RD 1 17257
Jersey Assn.	Meryl H. Sheaffer, Carlisle RD 5 17013
Pomona Grange	Mrs. Lynn Frick, Carlisle RD 5 17013
Shippensburg Fair Assn.	H. Glenn Smith, Box 202, Shippensburg 17257
Society of Farm Women	Mrs. Chester Heisey, Mechanicsburg RD 2
South Central Penna. Pork Producers Assn.	Conwell Rife, Chambersburg RD 2

DAUPHIN COUNTY

Beekeepers' Assn.	Mrs. E. Jeanne Orndorff, Harrisburg RD 17111
Dauphin Co. Farmers' Assn.	Harry Ulrich, Harrisburg RD 3 17112
Farm Credit Assn.	Carl Brown, Agway, Elizabethtown
Gratz Fair Assn.	Gilbert Koppenhaver, Gratz

DAUPHIN COUNTY—Continued

Organization	Name and Address of Secretary
Holstein Assn.	Boyd Dimpsey, Halifax RD 2 17032
Pomona Grange	Mrs. Joseph Whitaker, Halifax RD 2 17032
Production Credit Assn.	Carl Brown, Agway, Elizabethville
Society of Farm Women	Mrs. Richard Cline, Harrisburg RD 1 17111

DELAWARE COUNTY

Chester-Delaware Counties Fruit Grow- ers' Assn.	Robert H. Hodge, West Chester RD 4
Chester-Delaware Pomona Grange	Mrs. William Yarnall, 2403 Allendale Rd., Oak Lane Manor, Wilmington, Del. 19803
Chester-Delaware Poultry Assn.	Harry W. Adams, Monacy Rd., Coates- ville
Delaware Co. Florists' Assn.	Robert D. Cole, Jr., 1116 McDade Blvd., Collingdale

ELK COUNTY

Pomona Grange	Mrs. George Haupricht, Jr., Dills Settle- ment, Johnsonburg RD
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ERIE COUNTY

Erie Co. Fair Assn.	Harry Burroughs, Wattsburg RD 2
Erie Co. Farmers' Assn.	Mrs. J. Richard Crandall, Girard RD 2
Erie Co. Holstein Breeders' Assn.	James Akam, Corry RD 1
Erie Co. Horticultural Assn.	George Scieford, North East RD
Erie-Crawford Dairy Co-op.	Calvin Henry, Wattsburg RD 1
Keystone Cooperative Grape Assn.	Harold Page, 18 Town St., North East
Northwestern Penna. Potato Growers ..	Delos Port, Waterford RD 3
Pomona Grange	Laurin Hill, Cranesville
Union City Co-op. Assn.	Fred W. Bauer, 20 South St., Union City

FAYETTE COUNTY

Fayette Co. Agricultural Improvement Assn.	Wilbur Cook, Uniontown RD 4
Farm Credit Assn.	Robt. C. Yocum, 98 E. Main St., Union- town
Fayette Co. Guernsey Breeders' Assn. ..	Wm. S. Jackson, New Salem RD 1
Fayette Co. Holstein Breeders' Assn. ..	W. B. Parshall, 9 Court St., Uniontown
Pomona Grange	Mrs. Robert Holland, Lemont Furnace
Rural Resource Development Assn.	A. J. D'Antonio, E. Millsboro RD 1
Wool Growers' Assn.	Jacob Cover, Smithfield

FOREST COUNTY

Forest County Camp Assn.	Mrs. J. G. Handy, Pleasantville RD 1
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FRANKLIN COUNTY

Farmers' Union Co-operative, Inc.	Preston D. Hykes, Greencastle RD 1
Farm Credit Assn.	Joseph Barkdoll, Lincoln Way East & 2nd St., Chambersburg

FRANKLIN COUNTY—Continued

Organization	Name and Address of Secretary
Franklin Co. Farmers' Assn.	Frank J. Dice, Chambersburg RD 4
Franklin Co. Guernsey Breeders' Assn. ...	Marlin Hege, Chambersburg RD 1
Franklin Co. Holstein Breeders' Assn. ...	Robert Newcomer, Chambersburg RD 5
Franklin Co. Horticultural Society	J. H. Knode, 555 Philadelphia Ave., Chambersburg
Franklin Co. Poultry Assn.	Eugene Martin, Shippensburg RD 3
Sheep and Wool Growers' Assn.	Dale Coons, Dry Run
Society of Farm Women	Mrs. Ann Kann, 355½ Philadelphia Ave., Chambersburg

FULTON COUNTY

Fulton County Fair Assn.	Mrs. Helen Mosebey, Wells Tannery
Fulton Co. Farmers' Assn.	Earl Gordon, McConnellsburg
Pomona Grange	Miss Aura Deneen, Warfordsburg
Society of Farm Women	Mrs. Harold Rotz, McConnellsburg RD

GREENE COUNTY

Farm Credit Assn.	James McGuier, 96 E. Chestnut St., Washington
Greene County Free Fair	Charles Clark, Waynesburg
Greene County Purebred Livestock Breeders' Assn.	Mrs. Phyllis Lemley, Mt. Morris, Star Rt.
Greene Co. Sheep & Wool Growers' Assn.	Mrs. Charles L. Phillips, Waynesburg RD 5
Pomona Grange	Mrs. Harold Wilson, Waynesburg RD 2
Society of Farm Women	Mrs. Charles K. Snyder, Jefferson RD 1
Southwestern Pa. Livestock Co-op. Assn.	Mrs. Flora Haught Burge, Waynesburg
The Richhill Agricultural Assn.	Thomas M. Tharp, Wind Ridge

HUNTINGDON COUNTY

Agricultural Fair Assn.	John McCracken, 1115 Mifflin St., Hunt- ingdon
Huntingdon Co. Agr. Development Council	Chester Smith, Huntingdon RD 3
Huntingdon Co. Farmers' Assn.	Edward Myers, Alexandria RD 1
Huntingdon Co. Holstein Breeders' Assn.	James Davis, Petersburg RD 1
Huntingdon Co. Poultry Assn.	Tom Eberle, Alexandria RD
Pomona Grange	Miss Ruth Ann Kennesingers, Aitch
Society of Farm Women	Mrs. Granville Runk, Shirleysburg RD
Valley Rural Electric Co-op., Inc.	J. H. Denton, Box 397, Denton (Mgr.)

INDIANA COUNTY

Farm Credit Assn.	James K. McElhoes, Indiana
Fruit Growers Assn.	Homer Bennett, Barnesboro RD 2
Guernsey Cattle Club	John Henderson, Saltsburg, Star Rt.
Holstein Assn.	Day K. Nichol, Indiana RD 4
Indiana County Agricultural Society ...	Day K. Nichol, Indiana RD 4
Indiana Co. Christmas Tree Growers Assn.	Regis A. McKnight, Indiana RD 1

INDIANA COUNTY—Continued

Organization	Name and Address of Secretary
Indiana Co. Farmers' Assn.	Mrs. John McMillen, Marion Center RD 2
Indiana Marketing Co-operative	Richard Black, Marion Center RD 2
Jersey Cattle Club	Wallace Pollock, Marion Center RD 2
Pomona Grange	Mrs. Edna Casady, Smicksburg RD 1
Sheep and Wool Growers' Assn.	Day K. Nichol, Indiana RD 4
Society of Farm Women	Mrs. Wayne Ray, Penn Run RD 1
Southwest Central Electric Co-op., Inc. .	Sterling Orange, Indiana (Mgr.)

JEFFERSON COUNTY

Farm Credit Assn.	James K. McElhoes, Indiana
Holstein Breeders' Assn.	Mervin Mowery, Reynoldsville RD 1
Jefferson Co. Ag. Improvement Society ..	Dale Corbin, Reynoldsville RD 2
Jefferson Electric Co-op., Inc.	J. E. Nicholson, Brookville (Mgr.)
Jersey Breeders' Assn.	Joe Shields, Summerville RD 1
North-Central Co-operative Beef Breed- ers' Assn.	Charles Mortimer, Munderf Star Rt., Brookville
Pomona Grange	Mrs. Henry McAninch, Reynoldsville RD 2

JUNIATA COUNTY

Farm Credit Assn.	E. H. Schnure, Mifflintown RD 1
Juniata County Agricultural Society (Port Royal Fair Assn.)	Mrs. Ruth M. Hower, Port Royal
Juniata Co. Farmers' Assn.	James Thompson, Jr., McAlisterville
Juniata Co. Holstein Club	Raymond Noss, Port Royal RD
Pomona Grange	Mrs. Harold Book, Port Royal RD

LACKAWANNA COUNTY

Co-op. Farmers' Night Market	Kenneth Seamans, Factoryville RD
Horticultural Assn.	Marvin Miller, Clarks Summit RD 1
Lackawanna Beekeepers' Assn.	Mrs. Esther Ziegler, Dalton RD 1
Pomona Grange	Mrs. Esther Ziegler, Dalton RD 1

LANCASTER COUNTY

Ayrshire Breeders' Assn.	Milton M. Brubaker, Lititz RD 1
Farm Credit Assn.	Carl A. Brown, 411 W. Roseville Rd., Lancaster
Florists Assn.	Allen Bewley, Leacock
Fruit Growers' Assn.	Roy Erb, 118 Kreider Ave., Lancaster
Garden Spot Guernsey Breeders' Assn. ..	Paul Witmer, Willow Street RD 1
Holstein Breeders' Assn.	Donald S. Eby, Gordonville
Lancaster Co. Agricultural Council	Richard Hoover, 222 P. O. Bldg., Lan- caster
Lancaster Co. Beekeepers' Assn.	Robert Landis, Lampeter
Lancaster Co. Farm Implement Dealers Assn.	Robert Heisey, c/o N. G. Hershey Co., Manheim
Lancaster Co. Farmers' Assn.	Donald E. Ney, Marietta RD 1
Lancaster Co. Production Credit Assn. .	Carl A. Brown, 411 W. Roseville Rd., Lancaster
Lancaster Co. Swine Producers' Assn. ..	James Martin, East Earl RD 1

LANCASTER COUNTY—Continued

Organization	Name and Address of Secretary
Lancaster Co. Tobacco Growers' Co-op.	Arthur Reist, 1050 Eden Rd., Lancaster
Lancaster Livestock Exchange	Walter M. Dunlap, Jr., Union Stock-yards, Lancaster
Lancaster Producers Livestock Co-op.	Harry E. Hershey, Mt. Joy RD 1
Mt. Joy Dairy Farmers' Co-op.	Henry H. Eby, Mt. Joy
Pomona Grange	Mrs. Elizabeth Eby, Kinzers RD 1
Poultry Assn.	Carl Harnish, Lancaster RD 6
Producers Co-op. Exchange	John H. Herr, Lancaster RD 7
Society of Farm Women	Mrs. Paul Witman, Mount Joy RD 2
Tobacco Growers' Assn.	Marlin L. Cassel, Manheim RD 1
Wash. Boro Tomato Growers' Co-op.	Paul W. Eshelman, Rohrerstown

LAWRENCE COUNTY

Cooperative Wool Growers', Inc.	Guy M. Fullerton, Enon Valley RD 2
Fruit Growers' Assn.	John Bovard, New Castle RD 4
Lawrence County Farmers' Assn.	Robert Reno, Enon Valley RD 1
Pomona Grange	Gertrude Chapin, New Castle RD 3

LEBANON COUNTY

Holstein Breeders' Assn.	Joseph S. Schott, Lebanon RD 5
Lebanon County Beekeepers' Assn.	Michael Stefonich, Cornwall
Lebanon Co. Farmers' Assn.	Henry Bomberger, Fredericksburg RD 1
Lebanon County 4-H Fair, Inc.	Mrs. Samuel Farmerie, Annville RD 1
Lebanon County Flower Club	Mrs. Frank Cincel, 745 Church St., Lebanon
Lebanon Valley Co-op. Fruit Growers' Assn.	Ira Dutweiler, 1421 Woodland St., Lebanon
Lebanon Valley Poultry Assn.	Miles Moyer, Fredericksburg RD 1
Pomona Grange	Mrs. Esther Boltz, Lebanon RD 3
Society of Farm Women	Mrs. Walter Herr, Lebanon RD 5

LEHIGH COUNTY

Farm Credit Assn.	Russell W. Rupp, 1160 N. 7th St., Allentown 18102
Lehigh County Agricultural Society	Philip Storeh, 302 N. 17th St., Allentown 18104
Lehigh Co. Farmers' Assn.	Harry Lichtenwalner, New Tripoli RD 2 18066
Lehigh Co. Holstein Assn.	Hubert Sell, Schnecksville RD 1 18078
Lehigh Co. Horticultural Assn.	Paul Wolf, Allentown RD 1 18102
Lehigh Co. Potatoes Growers' Assn.	Willard Geiger, Schnecksville RD 1 18078
Lehigh Valley Beekeepers' Assn.	Mrs. Clarence A. Kramer, Nazareth RD 1 18064
Lehigh Valley Co-operative Farmers	Charles Hoffman, 1026 North 7th St., Allentown 18102
Lehigh Valley Egg Producers' Co-op.	Clarence Hower, Bethlehem RD 2 18017
Pomona Grange	W. F. Masters, Breinigsville RD 1 18031

LUZERNE COUNTY

Beekeepers' Assn.	Ernest S. Young, 347 E. Noble St., Nanticoke
Berwick Vegetable Co-op.	Burton Hetherington, Spring Garden Ave. and Scanlon St., Berwick

LUZERNE COUNTY—Continued

Organization	Name and Address of Secretary
Columbia-Lower Luzerne Pomona Grange	Mrs. George Culver, Shickshinny RD 1
Farmers Co-op. Dairy of W. Hazleton ..	Robert Astleford, Hazleton
Farmers' Night Market Assn.	Fred Wright, 1407 Wyoming Ave., Forty Fort
Horticultural Assn.	William Kisner, Berwick RD 1
Luzerne County Co-op. Assn.	Harold Brace, Dallas RD 3
Luzerne Co. Farmers' Assn.	Stanley Zehner, Nescopeck RD 1
Sybertsville Green Tomato Co-op.	Joseph Zielinski, Nescopeck RD 1
Tri-County Holstein Assn.	Stanley Belles, Berwick RD 2
Upper Luzerne-Southern Wyoming Pomona Grange	Lillian Hildebrandt, Dallas RD

LYCOMING COUNTY

Farm Credit Assn.	E. H. Schnure, Hepburnville RD 5
Holstein-Friesian Breeders' Assn.	Sam Fry, Muncy RD 2
Hughesville Fair Assn.	Clarence F. Stolz, 178 N. 2nd St., Hughesville
Lycoming Co. Farmers' Assn.	Paul Rice, Jersey Shore RD 2
Milk Producers' Assn.	Howell Waltz, Salladasburg RD 1
Pomona Grange	Mrs. Clyde Goldy, Williamsport RD 2
Production Credit Assn.	E. H. Schnure, Lewisburg

McKEAN COUNTY

Kane Dairy Co-operative Assn.	Henry Yonkie, Kane RD 16735
McKean Co. Holstein Assn.	Ray Dillenbeck, Turtlepoint 16750
Pomona Grange	Mrs. Myrtle Peterson, Kane 16735
Sheep and Wool Growers' Assn.	Bernard Vossler, Smethport 16749

MERCER COUNTY

Co-operative Wool Growers', Inc.	Raymond Tait, Mercer RD 4
Fruit Growers' Assn.	W. R. Forrester, Mercer RD
Mercer Co. Holstein Breeders	Bill Boyd, Stoneboro RD
Mercer Co. Guernsey Breeders	Harold Cannon, 4816 Lamar Rd., Sharpsville
Pennsylvania Farmers Assn.	Irwin McCullough, Sharpsville RD 2
Pomona Grange	Miss Nellie Chestnut, Transfer RD 1
Stoneboro Fair Assn.	C. W. Ibbs, Stoneboro

MIFFLIN COUNTY

Central Pa. Milk Marketing Co-op.	Christ Y. Peachey, Reedsville RD
Horticultural and Agricultural Assn. ...	J. C. Thompson, 33 Grand Parkway, Lewistown
Mifflin County Farmers' Assn.	J. Reed Goss, Lewistown RD 3
Mifflin Co. Holstein Assn.	Raymond Dunmire, McVeytown RD
Mifflin Co. Milk Handlers Co-op.	Ralph Kearns, Lewistown RD 1
Mifflin Co. Poultry Assn.	James R. Snyder, Lewistown RD 1
Union Production Credit Assn.	James Goodwin, Agway, Belleville

MONROE COUNTY

Milk Producers' Co-operative	Robert W. Field, Stroudsburg RD 5
Pomona Grange	Charles VanSciver, Tannersville
West End Fair Assn.	Larry Krome, Gilbert

MONTGOMERY COUNTY

Organization	Name and Address of Secretary
Beekeepers' Assn.	Paul G. Haegele, Stump Rd., North Wales RD
Delaware Valley Milk Goat Assn.	William T. Grace, Box 313, Ivyland RD
Delaware Valley Turf Grass Assn.	Lyman Schermerhorn, Tyburn Rd., Morrisville
Farm Credit Assn. and Production Credit Assn.	Herbert Kratz, 2301 W. Main St., Norristown
Guernsey Club	Fred Seipt, Lansdale RD 1
Holstein Cattle Club	LeRoy Derstine, Lansdale RD 1
Montgomery-Bucks Farm Bureau Co-op. Assn.	Newton F. Moyer, Telford RD 1
Montgomery Co. Farmers' Assn.	Kathryn Boocock, Mench Rd., Skippack
Pennsylvania Landscape and Tree Assn.	James Tumelty, Jr., Ivyland
Pomona Grange	Miss Alma Miller, 1 East Brown St., Sanatoga
Tri-County Producers' Co-op. Assn.	Norman Bergey, Center Point,
Society of Farm Women	Mrs. Frank Drewiany, Trooper Rd., Norristown RD 1
Upper Perkiomen Valley Community Fair, Inc.	Donald E. Evans, Box 313, East Greenville RD 1

MONTOUR COUNTY

Columbia-Montour Farmers Assn.	Hanley Gassert, Bloomsburg RD 3
Montour-DeLong Fair Assn.	John Betz, Danville RD 2
Pomona Grange	Dr. D. C. Dunham, Turbotville
Tri-County Holstein Assn.	Donald J. Martz, Sr., Danville RD 2

NORTHAMPTON COUNTY

Beekeepers' Assn.	Mrs. Clarence Kramer, 1001 Linden St., Bethlehem
Cooperative Potato Growers	Robert Jones, Bath RD 1
Co-operative Wool Growers' Assn.	L. F. Nicholas, Bangor RD 2
Farm Bureau Cooperative Assn.	David Houck, Nazareth RD 3
Farm Credit Assn.	Russell W. Rupp, 1160 North 7th St., Allentown
Holstein Breeders' Assn.	Don Seipt, Easton RD 4
Lehigh Valley Co-operative Farmers ...	Charles Hoffman, 1160 North 7th St., Allentown
Lehigh Valley Egg Producers' Co-op. ..	Richard Fielbach, Bethlehem RD 1
Northampton Co. Farmers' Assn.	Floyd J. Lahr, Nazareth RD 2
Pomona Grange	W. F. Masters, Breinigsville RD

NORTHUMBERLAND COUNTY

Farm Credit Assn.	Edgar Schnure, Lewisburg
Northumberland Area Guernsey Breeders' Assn.	Elvin Lebo, 443 Berrysburg Rd., Millersburg
Northumberland Co. Farmers' Assn. ...	Ben Swinehart, Dornsife RD 1
Northumberland Co. Holstein Breeders' Assn.	Carl Swartz, Milton RD 2
Northumberland Co. Poultry Assn.	J. Clyde Foose, Potts Grove
Pomona Grange #31	Dr. D. C. Dunham, Turbotville
Pomona Grange #70	Mrs. Oscar Drum, Sunbury RD 1
Sheep and Wool Growers' Assn.	Ira Geise, Northumberland RD 1

PERRY COUNTY

Organization	Name and Address of Secretary
Guernsey Breeders' Assn.	Helen Ebersole, Duncannon RD 1
Holstein Breeders' Assn.	Clair Benner, Millerstown RD 2
Pennsylvania Farmers' Assn.	Kenneth Beaver, Millerstown RD 2
Pomona Grange	Walter T. Smith, Millerstown

PHILADELPHIA COUNTY

Pennsylvania Horticultural Society	Ernesta Ballard, 325 Walnut St., Philadelphia
Philadelphia Gardeners' Assn.	Paul McFarland, 6027 Bridget St., Philadelphia
Phila. Golf Course Superintendents	Frank I. Shuman, 309 Oreland Mill Rd., Oreland
Philadelphia Rose Society	Elizabeth Klaus, 5506 N. 6th St., Philadelphia 20
Philadelphia Society for Promoting Agriculture	William H. White, 220 S. 16th St., Philadelphia 2
Philadelphia Vegetable Growers' Co-operative Assn.	Elmer F. Myers, Trevoise
Quaker City Farmers	John C. Goodchild, 112 N. Twelfth St., Philadelphia 7

PIKE COUNTY

Delaware Valley Fair Assn.	Mrs. Cynthia Van Lierde, Milford
Monroe-Pike Pomona Grange	James Alborano, 102 Avenue "T", Matamoras

POTTER COUNTY

Allegheny Mountain Vegetable Growers' Cooperative	P. R. Smith, Ulysses
Farm Credit Assn.	Rodger Carpenter, Coudersport
Farmers' Alliance & Industrial Union ..	Harold Higley, Shinglehouse
Holstein Breeders' Club	Paul Buck, Ulysses
Pomona Grange	Mrs. Walter Sarginger, Coudersport RD 4
Potter-Tioga Maple Producers Assn. ...	Raymond Buck, Ulysses
Sheep and Wool Growers' Assn.	Robert Francis, Ulysses RD

SCHUYLKILL COUNTY

Farm Credit Assn.	Russell W. Rupp, 1160 N. 7th St., Allentown
Pomona Grange	John Nagle, Schuylkill Haven RD 1
Schuylkill County Christmas Tree Growers' Assn.	Roger Tobias, Pine Grove RD 3
Schuylkill County Farmers' Assn.	Timothy Masser, Pitman RD 1
Schuylkill County Holstein Breeders' Assn.	Carl Heisler, Tamaqua RD 1
Schuylkill County Horticultural Assn. ..	Richard Maurer, Valley View
Schuylkill County Poultry Assn.	Ned Schrope, Hegins

SNYDER COUNTY

Christmas Tree Growers' Association ...	George F. Troxell, Beaver Springs, Star Rt.
Fruit Growers' Assn.	Lester Mitterling, Mt. Pleasant Mills, Star Rt.

SNYDER COUNTY—Continued

Organization	Name and Address of Secretary
Holstein Breeders' Assn.	Richard Nerhood, Beavertown RD 1
Snyder Co. Farmers' Assn.	Calvin C. Fisher, Selinsgrove RD 1
Snyder Co. Poultry Assn.	Marlin Rigel, Beaver Springs
Snyder-Southern Northumberland Po- mona Grange	Mrs. Randall Rearick, Beavertown RD 1

SOMERSET COUNTY

Holstein Breeders' Club	James Barnett, Boswell RD 2
Horse and Mule Assn.	Lewis Maust, Berlin RD 1
Pennsylvania Farmers' Assn.	R. Harold Maurer, Stoystown RD 1
Pomona Grange	Mrs. Dorothy Gindlesperger, Rockwood RD 1
Sheep and Wool Growers' Assn.	Louis Johnson, Stoystown RD 2
Society of Farm Women	Mrs. C. H. Wetzel, Shanksville
Somerset Co. Horse & Saddle Assn. ...	Kristin Holsopple, 348 E. Main St., Somerset
Somerset Co. Maple Producers' Assn. ...	Mrs. Jane Wable, Fort Hill RD 1
Somerset Rural Electric Co-op., Inc. ...	Douglas Smith, Somerset (Mgr.)

SULLIVAN COUNTY

Agricultural Co-operative Assn.	Carl D. Molyneux, Forksville
Agricultural Society	Archie Norton, Forksville
Pomona Grange (Bradford-Sullivan) ...	Mrs. Ruth G. Fish, Towanda RD 5
Sullivan Co. Holstein Club	William Frazier, Jr., Muncy Valley RD
Sullivan Electric Co-op., Inc.	Wesley Thomas, Forksville (Mgr.)

SUSQUEHANNA COUNTY

Co-operative Wool Growers' Assn.	R. L. Stockholm, Montrose
Farmers Alliance & Industrial Union ..	Mrs. Arthur Coy, Montrose
Harford Agricultural Society	Howard Benning, Kingsley
Holstein Breeders' Club	Gerald Phelps, Hop Bottom RD 1
Pomona Grange	Mary Green, Springville RD 2
Susquehanna Co. Farmers Assn.	Mrs. Leslie Palmer, New Milford RD 1

TIOGA COUNTY

Dairymen's League Co-operative	Keith Ripley, Mansfield RD 3
Holstein Breeders' Club	Richard Chamberlain, Mansfield RD 3 16933
Pomona Grange	Mrs. Clifton Briggs, Middlebury Center
Tioga Co. Agricultural Assn.	Verne Bowen, Wellsboro RD 3
Tioga County Farmers Assn.	John Kilborn, Wellsboro RD 5
Tri-County Rural Electric Co-op., Inc. ...	Maurice Whitlock, Mansfield (Mgr.)
Tioga Co. Co-op. Sheep & Wool Growers Assn.	Keith Owlett, Middlebury Center

UNION COUNTY

Holstein Breeders Assn.	Albert E. Slear, Lewisburg RD 2
Production Credit Assn.	Edgar H. Schnure, 230 N. Derr Dr., Lewisburg
Union County Farmers' Assn.	Roy Boyer, Mifflinburg RD 2
Union-Montour-Northumberland Pomo- na Grange	Leon B. Epler, Northumberland RD 1

UNION COUNTY—Continued

Organization	Name and Address of Secretary
Union-Snyder-Northumberland County Federal Land-Bank Assn.	Edgar H. Schnure, 230 N. Derr Dr., Lewisburg

VENANGO COUNTY

Farm Credit Assn.	Norman Rough, Masonic Bldg., Mead- ville
Farmers' and Fruit Growers' Assn.	Sec., Box 468, Courthouse, Franklin
Pomona Grange	Fred Smith, Franklin RD 1
Venango Co. Beekeepers' Assn.	Mrs. Ernest Montgomery, Franklin RD 2
Venango Co. Wool Growers' Assn.	F. E. Smith, Kennerdell RD 2
Venango 4-H Fair, Inc.	Mrs. Merle Huff, Oil City RD 1
Venango Poultry Assn.	Mrs. Fred Johnson, Van RD 1

WARREN COUNTY

Pomona Grange	Mrs. Myron Rapp, 113 McKinley Ave., Warren
Warren County Farmers' Assn.	Mrs. Ellsworth Hale, Sugar Grove RD 2
Warren County Holstein Club	Richard Stutzman, Irvine
Warren Electric Co-op., Inc.	M. D. Rhodes, Youngsville (Mgr.)

WASHINGTON COUNTY

Arden Downs Poultry Club	Charles R. Sowers, Amity RD 1 15311
Farm Credit Assn.	James W. McGuier, 96 E. Chestnut St., Washington 15301
Guernsey Breeders' Assn.	Mrs. Louis Baker, Box 7, Beallsville 15313
Jersey Breeders' Assn.	Mrs. Lee Robinson, McDonald RD 4 15057
National Farmers Union, Washington Chapter	Donald Rush, Avella RD 1 15312
Pomona Grange	Mrs. Edward Herron, Box 183, Canons- burg RD 1 15317
Poultry Assn.	Charles Graham, 470 McClane Farm Rd., Washington 15301
Society of Farm Women	Mrs. Earl Zimmerman, Finleyville RD 15332
Washington Co. Co-operative Wool Growers' Assn.	J. R. Henderson, Hickory RD 1 15340
Washington County Fair Assn.	Clyde Robison, Coal Center RD 1 15423 (Pres.)
Washington County Farmers Assn.	Hugo Vettorel, Washington RD 2 15301
Washington Co. Holstein Club	Ed Miller, McDonald RD 4 15057
Washington Co. Livestock Breeders' Assn.	Paul Onopiuk, 1633 Morris St., Washing- ton 15301

WAYNE COUNTY

Dist. 6, Pa.-Jersey Cattle Club	Fred Baker, Meshoppen
Maple Syrup Producers Assn.	Irvin Doyle, Hamlin
Pomona Grange	Mrs. Lester Perry, Seelyville Star Rt., Honesdale
Wayne Co. Beekeepers' Assn.	Francis Motichka, Carroll St., Honesdale
Wayne Co. Dairymen's League	Mrs. Grant Teeple, Equinunk

WAYNE COUNTY—Continued

Organization	Name and Address of Secretary
Wayne County Farmers' Assn.	John Mazzga, Hawley RD 1
Wayne Co. Holstein Club	Thelma Brown, Lake Ariel
Wool Growers' Assn.	H. G. Burleigh, Pleasant Mount

WESTMORELAND COUNTY

Beekeepers' Assn.	Olga Havlicsek, 110 Evergreen Dr., Greensburg 15601
County Flower Growers' Assn.	Stanley Zidel, 1554 Mission Rd., Latrobe 15650
Farmers' Picnic Assn.	Joseph Kim, 735 Penna. Ave., Irwin 15642
Guernsey Breeders' Club	Lowell Lash, West Newton RD 1 15089
Holstein-Friesian Club	Paul Fox, New Stanton RD 1 15672
Pomona Grange	Mrs. Catherine Hull, Mt. Pleasant RD 2 15666
Westmoreland Co. Farmers' Assn.	Mrs. Philip Long, New Stanton RD 1 15672
Westmoreland Co. Poultry Assn.	Earl Koring, 2480 Skidmore Rd., Greens- burg 15601

WYOMING COUNTY

Pomona Grange	Mrs. Anna Place, Penna. Ave., Tunk- hannock
Producers' Co-operative Assn.	James Kintner, Meshoppen RD
Society of Farm Women	Mrs. John Gunshore, Tunkhannock RD 1
Wyoming Co. Farmers' Assn.	Mrs. Eleanor Laird, Laceyville RD 1
Wyoming County Holstein Club	Francis McHugh, Mehoopany RD 2

YORK COUNTY

Farm Credit Assn.	Kenneth Miller, 3301 W. Market St., York
Pomona Grange	Mrs. Wm. Traver, Etters RD 1
Society of Farm Women	Mrs. Richard Deardorff, Dillsburg RD 2
York Co. Beekeepers' Assn.	Richard Geiman, Thomasville
York County Agricultural Society	Katherine O. Morgart, York
York Co. Farmers' Assn.	Carroll F. Hunt, Stewartstown RD 2
York County Fruit Growers' Assn.	John Hope Anderson, Jr., New Park
York Co. Guernsey Breeders' Assn.	Ellsworth Lehman, Wrightsville RD 1
York Co. Holstein Breeders' Assn.	Fred McGee, Dover RD 4
York Co. Lamb Producers' Assn.	Mrs. Kenneth Wire, Dover RD 2
York Co. Milk Producers' Assn.	Harry L. Arnold, Hellam RD 2
York Co. Potato Growers' Co-op.	Richard Wilson, Stewartstown RD 1
York Co. Poultry Assn.	H. Robert Houser, 2065 Sycamore Dr., York
York Co. Swine Improvement Assn. ...	Terry Criswell, Brogueville RD 1

Agricultural Magazines and Trade Journals Published in Pennsylvania

Berks-Lehigh Farmer, Kutztown, 19530
Bucks-Mont Farmer & Courier, P. O. Box 693, Norristown, 19404
Dairymen's Price Reporter, 451 Century Bldg., Pittsburgh, 15222
Everybody's Poultry Magazine, Hanover, 17331
Farm and Home News, 10 Lourdes Rd., Binghamton, N. Y.
Farm Journal, Washington Square, Philadelphia, 19105
Food Trade News, Liberty Trust Bldg., Philadelphia, 19107
Inter-State Milk Producers' Review, 401 N. Broad St., Philadelphia, 19108
Keystone Agri-Business, Souderton, 18964
Keystone Farmer, Court House, Coudersport, 16915
Lancaster Farming, P. O. Box 266, Lititz, 17543
Lancaster Livestock Reporter, Union Stockyards, Lancaster, 17601
Mushroom News, P. O. Box 373, Kennett Square, 19348
Pennsylvania Farmer, 2436 N. 2nd St., Harrisburg, 17105
Pennsylvania Grange News, 1604 N. 2nd St., Harrisburg, 17108
Pennsylvania Grocer, 3701 N. Broad St., Philadelphia, 19140
Pennsylvania Packer, 25 N. Duke St., York, 17401
The Voice, Pa. Farmers' Assn., 2612 Yale Ave., Camp Hill, 17011
Tri-State Food News, P. O. Box 450, McKeesport, 15134

Pennsylvania History, Topography and Climate

Pennsylvania one of the thirteen original states, was settled by William Penn at Upland (now called Chester) in 1682. The grant of the territory west of the Delaware River was made to Penn by the King of England in settlement of a debt of \$80,000 due the estate of Penn's father for services rendered as an Admiral in the English Navy. The English secured this territory from the Dutch in 1664.

The State originally consisted of three counties: Philadelphia, Chester and Bucks. The number was increased by dividing these counties from time to time until the number reached 67. The last county created was Lackawanna in 1878.

The State is rectangular in shape and about 302 miles long by 176 wide. It contains 45,215 square miles, or 28,828,000 acres of land area, and is thirty-third in size among the states. It is not quite as large as New York but a little larger than Virginia, and is more than twice as large as New Jersey, Delaware and Maryland put together.

TOPOGRAPHY

Pennsylvania, as is the case in most Atlantic States, has comparatively level lands in the east and is more mountainous in the central and western sections. The elevation of the land varies from less than one hundred feet above sea level in the southeastern part of the State to approximately three thousand feet at the summit of some of the ridges in the Allegheny Mountains.

The Piedmont province, one of three topographic provinces crossing the State, takes in all the land southeast of South Mountain. The second is the Ridge and Valley province in the central section of the State. It is largely mountainous on the west. The topography consists of many long ridges of 1,000 and 1,500 feet high, separating many beautiful and fertile valleys. The largest valleys are the Nittany and the Kishacoquillas. The Allegheny Mountain and Plateau province lies to the west and north of the Ridge and Valley province and covers about two-thirds of the entire area of Pennsylvania. The streams and the valleys of this western section wind in all directions, and the surface is a maze of hills and valleys, quite high in the eastern part of the province but becoming gently rolling in the west.

CLIMATE

Pennsylvania is in that part of the United States having comparatively heavy rainfall. It is heaviest over most of the State during the spring and summer months, just when it will do most good for the growing of crops. The State is in the zone of prevailing westerly winds. Throughout most of the State the wind blows chiefly from the northwest in winter and from the southwest during the summer, except when disturbed by storms. Annual precipitation averages 42 inches.

AGRICULTURAL OPPORTUNITIES

Agribusiness—agriculture and its allied enterprise—is Pennsylvania's major industry. Its importance is emphasized by the fact that approximately 43 per cent of the wage earners in Pennsylvania now derive all or part of their income from Agribusiness.

Agriculture, as the keystone of Pennsylvania's Agribusiness, today supplies unexcelled farm products to the nation's major commodity markets. Pennsylvania's role will be even more important in the future as a source of both food and technical know-how in helping to feed the world's rapidly expanding population.

USEFUL FARM BULLETINS

Available Free Publications of the Pennsylvania Department of Agriculture

Address requests for copies to:

**Pennsylvania Department of Agriculture
Harrisburg, Pennsylvania 17120**

No.	Title	No.	Title
531	Poisonous Plants of Pennsylvania (single copy on request)	CRS-26	Pennsylvania's Poultry Statistics, 1909-1963
558	Pennsylvania Weeds (single copy on request)	CRS-29	Fruit Tree and Grapevine Survey, 1964
708	Seed Analysis Report, 1965	CRS-31	Potato Production, 1954-1964
710	Directory of Information, 1966		Available after May 1, 1966
	Annual Report of Activities	CRS-33	Pennsylvania Crops and Livestock Report, 1965
	Man Is The Steward, The Story of Pennsylvania's Soil and Water Conservation Districts	CRS-34	Farm Machinery Custom Rates, 1966
CRS-19	Vegetable Statistics, 1918-1961		Available after July 1, 1966
CRS-23	Pennsylvania Horticultural Specialties	CRS-35	Egg Production and Marketing

MOTION PICTURES

**Pennsylvania Department of Agriculture
Harrisburg, Pennsylvania**

"Beyond Tomorrow"—(Color; released 1962; 16mm, sound; 25 minutes)
Designed to inform both city dwellers and rural residents about the accomplishments of Pennsylvania's soil and water conservation districts.

"A Plan for Penn's Land"—(Color; released 1963; 16mm, sound; 14 minutes)
Describes the importance of conservation principles and soil survey information to both farm and urban needs, and points how this type of information can be adapted to non-farm needs.

Copies scheduled without charge by the State Soil and Water Conservation Commission, Pennsylvania Department of Agriculture, Harrisburg, or local conservation districts.

"Silent Servants"—(Color; released 1963; 16mm, sound; 13½ minutes)
An account of the work of the Pennsylvania Department of Agriculture, with particular reference to the quality control programs of the Bureaus of Plant Industry, Animal Industry, Foods and Chemistry, and Markets.

"Plenty of Pennsylvania"—(B/W; released 1964; 16mm, sound; 25 minutes)
A comprehensive coverage of the 1964 Pennsylvania Farm Show depicting the history, growth and present day importance of Pennsylvania's showcase of agriculture.

Copies scheduled without charge by the Market Development Division, Pennsylvania Department of Agriculture, Harrisburg.

"Pennsylvania Potatoes"—(Color; released 1961; 16mm, sound; 10 minutes)
The story of potato production and marketing in Pennsylvania, geared especially to the urban dweller or those who have little knowledge of agriculture.

Copies scheduled without charge by Public Information Division, Pennsylvania Department of Agriculture, Harrisburg.

Available Free Publications of the Pennsylvania State University College of Agriculture—Experiment Station and Extension Service

Single copies may be obtained from county offices of the Pennsylvania State University Agricultural and Home Economics Extension Service, or by writing to:

**Agricultural Mailing Room
Old Dairy Barn
The Pennsylvania State University
University Park, Pennsylvania 16802**

B refers to bulletins of the Agricultural Experiment Station; **Sp C** to Special Circular; **C** to Circulars; **L** to Leaflets of the Agricultural Extension Service; and **PR** to Progress Reports of the Agricultural Experiment Station.

**AGRICULTURAL ECONOMICS
AND RURAL SOCIOLOGY**

- | | | | |
|---------------|---|--------------|--|
| B-499 | Cost of keeping a bull | B-674 | An economic and engineering appraisal of mechanical dairy barn gutter cleaners |
| B-521 | Farmers receiving old age assistance in Pennsylvania | B-680 | Interrelations among demands for farm products and implications for control of market supplies |
| B-534 | Family housing on owner-operated farms in Pennsylvania | B-684 | Food habits and national backgrounds |
| B-544 | Milk marketing by producer distributors | B-687 | Dairy farm labor input data obtained by mail questionnaire and by field interview . . . a comparison |
| B-545P | Planning for profitable grassland on dairy farms in central Pennsylvania | B-690 | Economies of fertilization and use of idle land on selected Northeastern Pennsylvania dairy farms |
| B-571 | Economies of locations in grading and cartoning eggs | B-691 | Differences among improved farm practices as related to rates of adoption |
| B-577 | Some personal, economic and social factors influencing dairy-men's actions and success | B-692 | Farm family income in North Central Pennsylvania |
| B-583 | Grassland in organization of dairy farms in northeastern Pennsylvania | B-693 | Farm production trends in Pennsylvania to 1960 |
| B-588 | Stimulating corrective action following school health examination | B-697 | Economies of central evaporator in maple syrup production |
| B-589 | Family factors influencing corrective action following school health examinations | B-700 | A method of developing maximum-profit feeding programs |
| B-591 | Factors associated with preferences for household equipment and furniture by 351 families | B-708 | Social and psychological factors associated with the acceptance of new food products |
| B-601 | Selectivity of membership and participation in rural organizations | B-714 | Consumer preferences for selected types of food packaging |
| B-602 | Sampling to determine grades of eggs | B-715 | A critique of the Straus rural attitudes profile |
| B-621 | An economic appraisal of idle land in Potter County | B-716 | Effects of national farm programs on farm prices and incomes in the United States and the northeast |
| B-623 | Specifications and cost for processing operations in small market milk plants | B-719 | Homeowner characteristics affecting their landscape plantings |
| B-627 | Analysis of grassland farming in northeastern Pennsylvania | B-723 | Distribution of fluid milk through resale outlets—practices and costs |
| B-639 | Improving methods of packing apples in consumer packs | B-726 | Bulk assembly in the outer limits of the Philadelphia milkshed |
| B-641 | Effects of bulk milk assembly on handling costs, farm to plant | B-729 | Procurement costs of independent slaughter plants in the Northeast |
| B-642 | An economic appraisal of use of idle land in Potter County, Pennsylvania for crops pasture and forest | C-433 | Have you made your will? |
| B-643 | Decision making in the use of family financial resources in a rural Pennsylvania community | C-465 | Group accomplishment—discuss it |
| B-655 | Certain practices, satisfactions and difficulties in families with employed homemakers | C-504 | What does it cost to start farming? |
| B-659 | Merchandising for profit in retail flower shops | C-514 | Your road to better meetings |
| B-669 | Estimates of supplemental water needed by forage crops in Pennsylvania | C-526 | Father-son partnership |
| | | L-199 | Can farmers make good use of credit? |
| | | L-231 | What should my insurance cover? |

- L-238 Gutter cleaners pay
- L-256 Seasonal changes in hog prices
- L-257 Will this building be a good investment?
- L-260 Tips for leading discussion
- L-270 Community problems in a rural-urban fringe
- L-273 Farm records can and can't
- L-277 Why bother with a will?
- Sp C-11 The pocketbook for recreation leaders
- Sp C-16 The pocketbook of games
- Sp C-19 The pocketbook of folk games and square dances
- Sp C-44 The chairman's job and how to do it
- Sp C-56 The member's job and how to do it
- Sp C-76 Guidelines to successful roadside marketing
- Sp C-71 Your committee

AGRICULTURAL ENGINEERING

- B-626 An electric-eye controlled sprayer for application of insecticides to livestock
- B-699 Bin and wagon drying of shelled corn
- B-701 A testing machine for determination of mechanical and rheological properties of agricultural products
- B-728 The on-farm service center in mechanized farming
- C-259 Plow adjustment
- C-373 Adequate farm wiring
- C-413 Tile drainage for Pennsylvania farms
- C-460 Farm ponds for Pennsylvania
- C-489 Making high quality hay
- Sp C-33 Planned irrigation pays
- Sp C-38 Tools for pasture renovation
- Sp C-45 Make your water supply safe
- Sp C-53 Selecting and installing dairy stable ventilation
- Sp C-59 Home sewage disposal—the septic tank system
- Sp C-65 Batch hay drying with heated air
- Sp C-66 Barn hay drying
- Sp C-67 Water purification — methods, equipment, techniques

BEEF CATTLE, HORSES, SHEEP AND SWINE

- C-520 Pennsylvania livestock markets
- L-236 The ewe and you
- L-241 Internal parasites of sheep
- L-244 Successful feeder-pig production
- L-245 Management tips for beef cattle in dry lots
- L-246 Facilities for growing and finishing swine
- L-252 How to clean farrowing houses
- L-258 Sheep housing recommendations
- L-264 Control of insect pests on beef cattle and housefly control in beef barns
- L-274 Common sense horsemanship
- Sp C-22 Preparing wool for market

DAIRYING

- B-581 Bovine Mastitis, II
- B-592 Seasonal distribution and production of forage from orchard grass-ladino and bluegrass pastures

- B-634 Growth responses to protein level and complexity of calf starters
- C-468 Testing milk and milk products
- C-507 Breeding for dairy herd improvement
- C-525 Commercial ice cream and other frozen desserts
- L-224 Do your cows produce a calf a year?
- L-229 Heat detection and time of service are important
- L-230 Breeding efficiency in your herd
- L-235 How much rest do cows need after calving
- L-242 Dairy breeding records your guide to efficiency
- L-250 Inheritance of breeding efficiency
- L-263 Control insect pests on dairy cattle—flies in dairy buildings
- L-275 Evaluate dairy sires
- Sp C-32 Sample grain mixtures for dairy cattle
- Sp C-60 Raising veal calves
- Sp C-69 Stall barns for the dairy herd
- Sp C-73 Loose housing for dairy cows
- Sp C-74 The milking machine system

FARM CROPS, SOILS, FERTILIZERS

- B-533 Trends and variations in yields from Jordan fertility plots
- B-554 Management of grasslands in the northeastern states
- B-560 Correlation of plant tissues of corn deficiency symptoms and soil analysis on the Jordan fertility plots
- B-568 Forage production of grass and legumes in northwestern Pennsylvania
- B-613 75th Anniversary of the Jordan fertility plots
- B-624 Survey of ten nutritive elements in Pennsylvania forage crops
- B-679 Some aspects of corn ecology
- B-682 Cutting and grazing management for sudangrass and pearl millet
- B-688 Nitrogen fertilization of perennial grasses
- B-689 Effects of shading and plant competition on seedling growth and nodulation in birdsfoot trefoil
- B-694 Sod subjugation with herbicides for pasture renovation
- B-706 Factors affecting the farmer's choice and use of seed
- B-725 Accumulation of eleven elements by field corn
- C-349 Potato diseases and their control
- C-378 100 questions and answers on liming land
- L-106 Save your potatoes from ringrot
- L-158 Band seeding makes the difference
- L-180 Control late blight on potatoes
- L-213 40 questions and answers on manure
- L-249 Fertilizer by the gallon—13 questions and answers
- L-261 Growing cover crops
- L-265 Treat seed grain for more profit
- L-267 Converting magnesium and boron oxides to elemental forms

FORESTRY AND WILDLIFE

- B-595** Strength and elastic properties of two species laminated wood beams
- B-620** Management of a poletimber forest for wildlife food and cover
- B-635** Evaluating mast yields in the oaks
- B-657** Absorption and translocation of solutions by healthy and wilt-diseased red oaks
- B-663** Trout stocking as an aid to fish management
- C-448** The distribution and prevention of oak wilt
- L-102** Using home-grown timber on the farm

FRUIT GROWING

- B-493** Effects of certain cultural treatments on orchard soil and water losses and on apple tree growth
- B-495** Soil factors influencing grape production on well-drained lake terrace areas
- B-503** Orchard sprayer performance
- B-557** Soil management in a young Montmorency sour cherry orchard
- B-563** Inheritance of fruit shape
- B-564** Leaf concentrations of five elements in relation to optimum nutrition of a number of horticultural crops
- B-617** The use of stop-drop sprays to promote the red color of apples
- B-648** Age of vine and concord grape production
- B-649** Growth and fruiting of various apple varieties in response to several clonal rootstocks
- B-652** Effects of certain sprays on growth and yield of concord grapes
- B-661** Periodicity in growth of fruits of apples, peaches and sour cherries with some factors influencing this development
- B-683** Leaf composition and performance of sour cherry trees as influenced by fertilizer and soil management
- B-709** The elderberry—history, classification, and culture
- B-717** A five-year nutritional survey of Pennsylvania apple, peach, and sour cherry orchards
- B-721** "Readiness for harvest" of apples as affected by physical and mechanical properties of the fruit
- C-342** Protecting Pennsylvania orchards against mice, deer, and rabbits
- C-403** Cherry production
- C-436** Prevention of fire blight on pears and apples
- C-508** Disease problems in the home orchard
- C-509** Strawberry growing in Pennsylvania
- C-512** Strawberry diseases
- C-513** Grape diseases
- C-519** Basic apple orchard management in Pennsylvania
- C-521** Small fruits for Pennsylvania gardens
- C-523** Control diseases of raspberries and other brambles

- L-143** Sprays for home garden fruits
- L-178** Raspberries in Pennsylvania

HOME ECONOMICS

- B-614** Effects of thawing and refreezing on the quality of certain frozen foods
- B-678** Family activity patterns basic to farm house planning
- B-685** Values expressed and realized in family financial plans
- B-695** Adolescents—their interests, aspirations, and models
- B-720** The effect of maturity on the quality of certain frozen foods
- B-727** The effect of freezing treatments on the quality of certain frozen foods
- C-348** Pennsylvania Dutch cookery
- C-366** Make your sewing machine work for you
- C-385** A stitch in time saves nine
- C-388** Buying smooth surface floor coverings
- C-390** How to repair innerspring cushions
- C-453** Canning poultry and meat
- C-464** Preparing food for your freezer
- C-467** Helping your baby grow
- C-473** Canning fruits and vegetables
- C-481** Small electric cooking appliances—to buy or not to buy
- C-483** Children and discipline
- C-484** Today's house care
- C-493** Community meals
- C-501** Mending men's suits
- C-522** Guiding our children
- Sp C-18** Make a dress for Sara
- Sp C-29** Make your own draperies
- Sp C-30** Reupholstering chairs
- Sp C-35** Buying your range
- Sp 51** Italian foods
- Sp C-52** Labels, your guide to buying and care of clothing
- Sp C-54** Ways to improve household storage
- Sp C-58** Choosing accessories for the home
- Sp C-61** Spot and stain removal
- Sp C-62** Repairing chair seats with cane
- Sp C-63** One easy way to iron a shirt
- Sp C-68** Braided rugs
- Sp C-75** Flower arranging
- L-175** Maple syrup is special
- L-203** Meal planning saves time and money
- L-205** Steak, the choice cut
- L-206** Roasts unlimited
- L-215** Variety meats
- L-221** Get up and go with a good breakfast
- L-223** How many persons is a home-maker
- L-233** Food tips for teens
- L-234** Fruit — a treasure chest of health
- L-237** Sparkle with milk
- L-239** What you eat today could make a difference
- L-243** Salads
- L-262** Your preschooler at mealtime
- L-266** Frozen food quality
- L-276** What is your rule for good eating?

TOBACCO

- B-422** Bacterial leafspots of Pennsylvania tobacco
- B-513** Seedleaf tobacco strains in Pennsylvania

- B-702** Disease-resistant cigar tobacco for Pennsylvania
- B-713** Marketing and pricing Pennsylvania tobacco
- C-516** Growing tobacco plants
- L-71** Tobacco curing

POULTRY

- B-590** A statistical evaluation of the effects of various storage and processing factors on the quality of frozen poultry
- B-608** Seven years of managed turkey grazing
- B-660** Effect of date of hatch on growth and market quality of White Holland turkeys
- B-668** Influence of low-protein pelleted feed on turkeys on pasture
- B-712** Solar heat for poultry housing
- C-306** A brooder house for 250 to 350 chicks
- C-316** Producing capons in Pennsylvania
- C-358** Poultry houses for Pennsylvania
- C-361** Hatching egg production in Pennsylvania
- C-456** Turkey raising
- C-486** Poultry diseases — description and treatment
- C-498** Producing quality eggs
- C-499** Pole housing for poultry
- L-253** Protect poultry from external parasites and flies
- L-255** Using poultry manure
- L-272** Lighting programs for pullets and layers
- Sp C-49** Low cost poultry housing in Pennsylvania

VEGETABLE GROWING

- B-508** The symphylid or garden centipede and other Pennsylvania greenhouse soil pests
- B-596** Cutworms of Pennsylvania
- B-710** Yield, vigor, quality, and leaf composition of sweet corn as influenced by differential fertilizer treatments
- C-459** Growing good vegetable plants
- C-469** The home vegetable garden
- C-471** Prevent vegetable diseases in your home garden
- C-474** Vegetable crops—soil management and fertilization
- C-476** Insects attacking vegetables and their control
- C-477** Growing tomatoes in the home garden
- C-511** Garden soil management
- C-524** Prevent vegetable diseases
- L-84** Storing vegetables
- L-147** Picking quality tomatoes for processing
- L-207** Asparagus tips
- L-208** The vine crops
- L-214** Control of pea and bean weevils in the field and in storage
- L-254** Control of tomato diseases

MISCELLANEOUS

- B-550** Light traps for insect collection, survey and control
- B-565** Some factors affecting the quality of frozen foods
- B-580** Some factors affecting the quality of frozen foods II

- B-667** Some common edible and poisonous mushrooms
- B-707** Food preferences of captive meadow mice
- B-711** A comparison of methods of teaching firearm and hunting safety in selected Pennsylvania schools
- B-722** A comparison of programmed and lecture-discussion methods of teaching farm credit to high school youth and adults
- C-347** Diseases and insects of the flower garden and their control
- C-395** Greenhouse insects and their control
- C-427** Insect pests of deciduous shade trees and their control
- C-472** Pennsylvania beekeeping
- C-485** How to propagate house plants
- C-488** Your holiday plants
- C-491** Growing better house plants
- C-497** Growing gladioli in the home garden
- C-500** Growing garden chrysanthemums
- C-502** Diseases of ornamental shrubs and vines
- C-503** Plant parasitic nematodes—their control
- C-510** Control turfgrass diseases
- C-515** Planning your flower show
- C-517** Diseases of commercial florist crops
- C-518** You, water, and watersheds
- L-190** Controlling insect pests on pines
- L-191** Controlling insect pests on spruce and yew
- L-192** Controlling insect pests on fir, hemlock and juniper
- L-193** Controlling insect pests on larch and arborvitae
- L-194** Controlling insect pests on laurel and rhododendron
- L-195** Controlling insect pests on boxwood, euonymus and holly
- L-210** Control those grubs in your lawn
- L-217** Woodboring insects mistaken for termites
- L-222** Controlling termites in buildings
- L-225** Planting and maintaining evergreens
- L-226** Pruning shrubs and trees
- L-232** Planting trees on your home grounds
- L-240** Rat control
- L-259** Identification and control of poison ivy
- L-268** Controlling insect pests on your ornamental trees and shrubs
- L-271** Home owners, home gardeners, homemakers: use pesticides safely
- Sp C-46** Tree diseases—description and control
- Sp C-57** Some shade and flowering trees for Pennsylvania landscapes
- Sp C-64** Some deciduous shrubs for Pennsylvania landscapes
- Sp C-72** Pesticides on your farm
- Correspondence Course Bulletin**—gives information on 81 agricultural and homemaking courses

ANNUAL REPORTS OF THE EXPERIMENT STATION

- B-718** Seventy-eighth annual report of the Pennsylvania Agricultural Experiment Station, 1963-1964

PROGRESS REPORTS OF THE EXPERIMENT STATION

Agricultural Economics and Rural Sociology

- P R-128 Effects of 1954 acreage restrictions on crop production in southeastern Pennsylvania
- P R-129 Formal participation patterns in a central Pennsylvania community
- P R-145 A community program to increase egg consumption
- P R-148 Some aspects of financial planning among rural families in a Central Pennsylvania community
- P R-167 Long-run effects of a better breakfast program
- P R-169 Characteristics of farmers supplying competing milk markets
- P R-170 An economic appraisal of green chop feeding
- P R-176 Effects of point of sale information on egg sales
- P R-179 The farmer's livestock goes to market
- P R-185 Characteristics and practices of market milk plants in Pennsylvania
- P R-201 Marketing methods for fowl in four Pennsylvania counties
- P R-204 The story of adolescents and milk
- P R-212 Time, travel, and construction costs of loose and stanchion types of dairy barns
- P R-221 Changes in productivity in milk distribution in two Pennsylvania markets
- P R-226 Consumer's use of stewing chicken
- P R-237 Large Pennsylvania dairy farms
- P R-244 Promotion and marketing characteristics of egg-producing farms in Pennsylvania
- P R-249 Gallon jug milk sales on Pennsylvania dairy farms
- P R-261 Three decades of change in a stable rural community

Agricultural Engineering

- P R-107 An electric work center for the vocational agriculture shop
- P R-164 A continuous flow automatic feed grinder and mixer
- P R-172 A grain - conveyor - distributor that eases bin loading and aids drying
- P R-250 Mechanized, tumbled storage of hay bales

Beef Cattle, Horses, Sheep and Swine

- P R-259 The feeding of silage to pregnant sows

Farm Crops, Soils, Fertilizers

- P R-133 Effects of clarion extract in the physical and chemical characteristics of the soil
- P R-196 Functional characteristics of some inbred lines of corn
- P R-224 Performance of supplemental summer forage crops in Pennsylvania, 1957, 1959

- P R-235 Pa. 825, a long season corn hybrid for Pennsylvania
- P R-240 Accuracy of seed corn grading and plater plate recommendations
- P R-241 1961 Pennsylvania corn performance studies
- P R-243 Fertilizer experiments with summer annual forage crops
- P R-247 Pennrad—a new winter barley
- P R-255 1963 Pennsylvania corn performance studies
- P R-264 1964 Pennsylvania corn performance studies
- P R-265 1965 Pennsylvania commercial hybrid corn tests

Dairying

- P R-199 Amounts of straw required for bedding cows in loose and conventional housing
- P R-202 Influence of roughage quality on growth of young Holstein calves
- P R-222 Low-level feeding of aureomycin to lactating cows

Forestry and Wildlife

- P R-123 Comparative durability of posts from trees grown in Pennsylvania woodlands
- P R-188 Effects of chemical brush control upon game food and cover
- P R-239 Relation of soil moisture and solution absorption of red oak stumps and development of oak wilt
- P R-262 Seasonal fluctuations in feed consumption of the white-tailed deer

Fruit Growing

- P R-120 Chemical thinning of apples
- P R-198 Varietal influences on quality of apple sauce blends
- P R-195 Responses of cultivated elderberry varieties
- P R-223 Chemical weed control in the peach nursery
- P R-257 Terms, definitions, and measurements related to mechanical harvesting of selected fruits and vegetables

Poultry

- P R-108 Social factors in sexual behavior of turkeys
- P R-140 Confinement rearing of pullets in Penn State experimental house
- P R-174 Yolk color and candled grade of eggs
- P R-231 Solar and windowless house comparison
- P R-232 Development and performance of the roll-a-way nest cushion
- P R-238 Selection of poultry breeders on sire family performance

Tobacco

- P R-246 Factors influencing seedling establishment of grasses with and without alfalfa in tobacco rotations

Vegetable Growing

- P R-205** Effect of aluminum mulch on vegetable crop yields
P R-215 Celery blackheart and its control in Pennsylvania
P R-263 1965 vegetable variety trials

Miscellaneous

- P R-210** Space requirements for household cleaning
P R-218 Some effects of adjusting high temperatures on growth of greenhouse roses

- P R-225** An improved solar beeswax extractor

- P R-251** Heating degree days in selected locations in Pennsylvania

- P R-254** Regional weather summary of Pennsylvania—climatic series 1

- P R-260** Regional weather summary of Pennsylvania, Lower Susquehanna area (Climatic Series 2, Adams, Columbia, Cumberland, Dauphin, Franklin, Juniata, Mifflin, Montour, Northumberland, Perry, Snyder, Union, and York counties)

Soil Survey Maps

Soil maps and reports are available for about one-third of the counties in Pennsylvania. Requests should be addressed to Soil Technologist, 311 Tyson Bldg., University Park, Pa. 16802, and should specify the county involved.

"Science for the Farmer," a quarterly publication reporting subjects in all three divisions of the College of Agriculture—resident instruction, extension, research—is available to those requesting to be placed on the mailing list.

Popular Publications Available Free from the United States Department of Agriculture, Washington, D. C. 20250

Send requests on a post card to:

**Office of Information
U. S. Department of Agriculture
Washington, D. C. 20250**

NOTE: Print name and address plainly. List in numerical order by series, **including the letter preceding each number.** Not more than 10 publications will be sent free at one time. If more are desired they may be purchased from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402. Prices will be quoted by that office on request.

BUILDINGS

- AH-38** First aid for flooded homes and farms
G-14 A step-saving U kitchen
G-52 Wood siding: How to install it, paint it, care for it
G-60 The Beltsville kitchen-workroom with energy saving features
G-64 Subterranean termites . . . their prevention and control in buildings
G-73 Wood decay in houses: how to prevent and control it
G-99 Planning bathrooms for today's homes
L-56 Preventing cracks in new wood floors
L-358 Powder-post beetles in buildings . . . what to do about them
L-375 Fire departments for rural communities
L-463 Beltsville energy-saving kitchen . . . design No. 2
F-1889 Fireplaces and chimneys
F-2104 Protecting log cabins, rustic work, and unseasoned wood from injurious insects in Eastern U. S.

- F-2136** Lightning protection for the farm
F-2173 Farm fences
M-810 Farm silos

CANNING—FREEZING—STORING

- G-10** Home freezing of fruits and vegetables
G-40 Freezing combination main dishes
G-48 Home freezers—their selection and use
G-56 How to make jellies, jams and preserves at home
G-70 Home freezing of poultry
G-93 Freezing meat and fish in the home
G-103 Eggs in family meals
G-105 Vegetables in family meals
G-109 Protecting home-cured meats from insects
F-2125 Making and preserving apple cider

COOKING

- G-1 Family fare . . . food management and recipes
- G-8 Home canning of fruits and vegetables
- G-36 Peanut and peanut butter recipes
- G-37 Honey . . . some ways to use it
- G-41 Green vegetables for good eating
- G-55 Potatoes in popular ways
- L-278 Tomatoes on your table
- L-293 Sweetpotato recipes
- L-408 Facts about pasteurization of milk

DAIRYING AND DAIRY CATTLE

- F-1422 Udder diseases of dairy cows
- F-1443 Dairy cattle breeds
- F-2111 Judging and scoring milk
- F-2153 Feeding dairy cattle
- F-2175 Equipment for cooling milk on the farm
- F-2176 Raising dairy calves and heifers

ELECTRICAL EQUIPMENT AND PRACTICES

- L-377 Lights for more winter eggs
- L-395 Automatic livestock waters
- L-436 Electric water pumps on the farm
- L-445 Electric heating of hotbeds
- L-480 Standby electric power equipment for the farm

FARM MANAGEMENT

- L-307 How much fertilizer shall I use?
- L-335 Farming terraced land
- L-347 Keep your tile drains working
- L-432 Where and how to get a farm: some questions and answers
- F-1045 Laying out fields for tractor plowing
- F-2049 Preservative treatment of fence posts and farm timber
- F-2110 Hospitals for rural people
- F-2130 Rope on the farm
- F-2135 What young farm families should know about credit
- F-2136 Lightning protection for the farm
- F-2137 Insurance facts for farmers
- F-2142 Library service for rural people
- F-2150 Safeguard your farm against fire
- F-2156 Safe use and storage of flammable liquids and gases on the farm
- F-2173 Farm fences
- F-2178 Part time farming
- F-2179 Father-son agreements for operating farms

FORAGE CROPS (Diseases, Insects, Marketing)

- L-514 The meadow spittlebug
- L-531 Growing red clover
- F-1740 Vetch culture and uses
- F-2113 Annual lespedezas . . . culture and use

FORESTRY

(Diseases, Insects, Marketing)

- L-244 Community forests for rural people
- F-2090 Logging farm wood crops
- F-2158 Chemical control of brush and trees

FRUITS

(Diseases, Insects, Marketing)

- L-172 Why fruit trees fail to bear
- L-227 Home fruit garden in the Northeastern and North Central States
- L-406 Apple bitter rot
- L-407 Dwarf fruit trees: Selection and care
- L-489 Cherry leaf-spot and its control
- L-508 Bridge grafting and inarching damaged fruit trees
- L-528 Watermelons for the garden
- F-1028 Strawberry culture: Eastern United States
- F-1560 Preparing strawberries for market
- F-1897 Establishing and managing young apple orchards
- F-1951 Blueberry growing
- F-2123 Growing American bunch grapes
- F-2160 Growing blackberries
- F-2165 Growing raspberries
- F-2184 Strawberry insects . . . how to control them
- F-2205 Growing peaches east of the Rocky Mountains
- F-2208 Controlling diseases of raspberries and blackberries
- MB-9 Preparing peaches for market

GRAINS

(Diseases, Insects, Marketing)

- L-370 The seed-corn maggot on beans, how to control it
- L-416 Barberry eradication in stem rust control—wheat, oats, barley, rye
- L-425 The rolled-towel seed tester for corn
- L-426 Scab of cereals and how to control it
- L-435 Intersceding legumes in corn
- F-1260 Stored grain pests
- F-1607 The nematode disease of wheat and rye
- F-1798 Control of common white grubs in cereal and forage crops
- F-1976 Handling and storing soft corn on the farm
- F-2071 You can store grain safely on the farm
- F-2092 Bacterial wilt and Stewarts leaf blight of corn
- F-2115 Culture and varieties of spring-sown oats
- F-2143 Irrigating corn in humid regions
- F-2145 Growing rye
- F-2214 Drying shelled corn and small grains

HOME MANAGEMENT

- G-32 Washing machines . . . selection and use
- G-48 Home freezers . . . their selection and use

- G-49 Detergents for home laundering
- G-58 Shopper's guide to U. S. grades for food
- G-62 Removing stains from fabrics, home methods
- G-68 How to prevent and remove mildew—home methods
- G-78 Storing perishable foods in the home
- G-94 Family food budgeting for good meals and good nutrition
- G-97 Sanitation in home laundering
- G-98 A guide to budgeting for the young couple
- G-100 Equipment for cooling your home
- G-101 Home laundering . . . the equipment and the job
- G-108 A guide to budgeting for the family
- L-321 What to do when your home freezer stops
- L-424 Food for fitness . . . a daily food guide
- MB-1 How to buy poultry by USDA grades
- MB-12 Know your butter grades
- MB-13 Tips on selecting fruits and vegetables
- MB-15 U. S. grades for beef

INSECTS

(See also under crop or animal attacked)

- G-53 Lawn insects: How to control them
- G-61 Lawn diseases: how to control them
- G-67 Insects and related pests of house plants . . . how to control them
- G-96 Controlling household pests
- L-161 The Eastern tent caterpillar
- L-324 Soil treatment an aid in termite control
- L-364 Chinch bugs
- L-390 The housefly
- L-392 Fleas
- L-403 Chiggers
- L-443 Clover mites, how to control them around the home
- L-530 Shade and water for honey bee colony
- F-2151 The Japanese beetle . . . how we fight it
- F-2204 Selecting and operating bee-keeping equipment
- F-2217 Controlling the greater wax moth . . . a pest of honey-combs
- PA-436 The Khapra beetle . . . a pest of stored grains and cereal products

LIVESTOCK AND SMALL ANIMALS

(Diseases, Insects, Marketing)

- L-250 Hamster raising
- L-381 Infrared lamps—their use in brooding pigs
- L-388 Horn flies on cattle
- L-395 Automatic livestock waterers
- L-420 Blackleg of cattle
- L-428 Trichinosis
- L-429 The meat-type hog
- L-438 Demodectic mange in cattle
- L-441 Cattle warts
- L-447 Hyperkeratosis of cattle

- L-461 Bluetongue of sheep
- L-466 Raising guinea pigs
- L-472 Mr. Livestock Producer . . . it pays to use chemicals safely
- L-473 Hog castration
- L-505 Tuberculosis in livestock . . . cattle . . . poultry . . . swine
- F-1263 Breeds of swine
- F-1330 Parasites and parasitic diseases of sheep
- F-1334 Home tanning of leather and small fur skins
- F-1736 Anthrax
- F-1787 Internal parasites of swine
- F-2088 Infectious anemia (swamp fever)
- F-2127 Light horses
- F-2131 Raising rabbits
- F-2138 Slaughtering, cutting and processing pork on the farm
- F-2141 Beef cattle: dehorning, castrating, branding and marking
- F-2152 Lamb and mutton on the farm . . . slaughtering, cutting and processing
- F-2192 Hog-lot equipment
- F-2196 Finishing beef cattle
- MB-10 Preparing wool for market—how to increase profits
- MB-16 How do your hogs grade?

MACHINERY AND OTHER EQUIPMENT

- G-63 Hand sprayers and dusters
- F-062 How to spray the aircraft way
- F-2128 Hose pump for applying fertilizer solutions
- F-2198 Automatic feeding equipment for livestock and poultry

NUTRITION

- GS-1 Nutrition up-to-date, up to you
- G-5 Food for the family with young children
- G-13 Food for families with school children
- G-17 Food guide for older folks
- G-57 Getting enough milk
- G-72 Nutritive value of foods
- G-74 Food and your weight
- G-85 Food for the young couple
- G-90 Conserving the nutritive value in foods
- L-268 Eat a good breakfast . . . to start a good day
- L-424 Food for fitness . . . a daily food guide

ORNAMENTAL PLANTS (Diseases, Insects)

- G-51 Better lawns
- G-65 Growing chrysanthemums in the home garden
- G-66 Growing iris in the home garden
- G-80 Home propagation of ornamental trees and shrubs
- G-81 Maple diseases and their control, a guide for homeowners
- G-82 Selecting and growing house plants
- G-86 Growing camellias
- G-88 Growing the flowering dogwood
- G-91 Growing flowering annuals
- L-184 The elm-leaf beetle
- L-439 Spring-flowering bulbs
- F-2114 Lupines . . . culture and use

POULTRY (Diseases, Insects, Marketing)

- L-383** Poultry mites . . . how to control them
- L-397** Brooding chicks with infrared lamps
- L-402** Intestinal coccidiosis of chickens
- L-404** Blackhead of turkeys and chickens
- L-415** Tapeworms of poultry
- L-434** Frostproofing water systems in poultry houses
- L-451** Newcastle disease in poultry, how to control it
- L-497** The home chicken flock
- F-684** Squab raising
- F-2197** Farm poultry management
- MB-7** Farm poultry . . . processing and marketing

SEWING

- G-20** How to tailor a woman's suit
- G-59** Simplified clothing construction

SOIL AND WATER CONSERVATION

- L-335** Farming terraced land
- L-373** Lespedezas for quail and good land use
- L-452** Replenishing underground water supplies
- L-458** Autumn olive for wildlife and other conservation uses
- L-476** Sprinkler irrigation
- F-2035** Making land produce useful wildlife
- F-2046** Farm drainage
- F-2124** Lining soils
- F-2154** Trout in farm and ranch ponds
- F-2171** How to control a gully
- F-2210** Warm water ponds for fishing

- AB-175** More wildlife through soil and water conservation
- AB-223** Grass makes its own food for growth, for forage, for good land use, for soil conservation

TOBACCO

- F-2159** Irrigating tobacco

VEGETABLE, HERB AND TRUCK GARDENING (Diseases, Insects, Marketing)

- G-44** Cabbage insects; how to control them in the home garden
- L-129** Production and preparation of horseradish
- L-136** Production of parsley
- L-360** Growing table beets
- L-361** Golden nematode of potatoes and tomatoes
- L-367** Tomato fruitworm
- L-410** Root crop production for livestock
- L-448** Growing watercress
- F-1875** Mushroom growing
- F-1957** Cauliflower and broccoli varieties and culture
- F-2086** Growing pumpkins and squashes
- F-2200** Controlling tomato diseases
- F-2201** Growing ginseng
- MB-19** Preparing fresh tomatoes for market
- MB-21** Fresh cabbage . . . from grower to retailer

WEEDS

- G-79** Controlling lawn weeds with herbicides
- F-2211** Controlling dodder on alfalfa

The following detailed soil survey maps are offered for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402

Soil Survey—Erie County, Pennsylvania—Series 1957, No. 9 \$3.75

Soil Survey—Potter County, Pennsylvania—Series 1953, No. 2 \$3.75

Soil Survey—Carbon County, Pennsylvania—Series 1959, No. 14 \$2.00

Soil Survey—Chester and Delaware Counties, Pennsylvania, \$4.25

Soil Survey—Jefferson County, Pennsylvania, \$3.00

